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ABSTRACT

This 55-page annotated bibliography of teacher training is divided into four sections. Each section contains an alphabetical listing of items; each item is assigned a number. The four sections are as follows: a) Packaged Programs and Guides (self-contained modules, guides, and "how-to-do-it" manuals, #100-299); b) Articles (descriptions of aspects of teacher training programs and teaching skills, #300-99); c) Bibliographies and Newsletters (as related to teacher training, #400-99; d) Research (#500-27). All items, from all four sections, are cross-referenced under one subject heading index in the opening pages. (Author/JA)

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TEACHER TRAINING

BIBLIOGRAPHY

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by

Mary E. Tarling

Spring 1972

SP 006 634

INSTRUCTIONAL MATERIALS CENTER

FOR SPECIAL EDUCATION

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EXPLANATION

The following pages of items, related to teacher training, are divided into four sections:

I. Packaged Programs and Guides (Self contained modules, guides and "how-to-do-it" manuals).

II. Articles (Descriptions of aspects of teacher training programs and teaching skills).

III. Bibliographies and Newsletters (Bibliographic resources and newsletters applicable to teacher training).

IV. Research (Studies dealing with aspects of teacher training programs and teaching skills).

Each section contains an alphabetical listing of items. Each item is assigned a number.

Numbers 100 - 299 refer to Section I, Packaged Programs and Guides.

Numbers 300 - 399 refer to Section II, Articles.

Numbers 400 - 499 refer to Section III, Bibliographies and Newsletters.

Numbers 500 - 599 refer to Section IV, Research.

NOTE:
All items, from all four sections, are cross referenced under one subject heading list on the pages immediately following. It is hoped that this bibliography will be a usable reference for you. Please direct any comments or additions to me at the address below. Thank you.

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The compiler wishes to express gratitude to Mrs. Jackie Bolen, Eric Clearinghouse on Teacher Education, Teacher Corp, the Research and Development Centers, and many others who have lent invaluable service in the preparation of this bibliography.

SUBJECT HEADINGS DEFINED

Accountability	
Adult Education	deals with content and preparation of adult education classes.
Audio-Visual	also includes uses of and preparation of media.
Behavioral Objectives	
Behavior Modification	also includes contingency management and other reinforcement techniques.
Certification	
Change	deals with any program concerned with bringing about change.
Classroom Management	also includes behavior management, open classroom, class structure, motivation techniques.
College/University Faculty	deals with programs aimed at an audience of college or university faculty.
Community Relations	
Computer	also includes Computer Based Resource Units - CBRU, Computer Assisted Instruction - CAI, and uses of computer.
Content Areas	deals with special programs in mathematics, language, science, social studies, sex, English as a Second Language, Foreign Language.
Counselors	
Cross Cultural	deals with programs for various ethnic and culture groups.
Decision Making	also includes problem solving in the classroom.
Early Childhood	also includes staff training and programs for preschool.
Evaluation	also includes diagnosis, assessment and analysis.
Games and Simulations	also includes structure and preparation of simulation games.

Human Relations	also includes interaction between: teacher-staff, teacher-pupil, pupil-pupil, affective behavior, interpersonal relations.
Interaction Analysis	
Microteaching	
Model Programs	also includes descriptions of model training programs, conceptual models of training.
Paraprofessionals	deals with parent aides, volunteers, classroom aides.
Program and Product Development	also includes team teaching, individualized instruction.
Questioning Skills	
Resource and Information	deals with further sources such as newsletters, bibliographies, etc.
Rural Communities	
Supervision and Administration	
Systems Approach	
Urban Education	

SUBJECT HEADINGS

Accountability

2, 301, 355, 364, 373, 400, 415, 416, 520, 524, 527.

Adult Education

1, 68, 328.

Audio-Visual

10, 12, 17, 18, 20, 29, 35, 60, 63, 85, 86, 88, 98, 110, 115, 116, 127, 135, 185, 188, 192, 207, 208, 209, 212, 215, 221, 222, 224, 348.

Behavioral Objectives

5, 6, 16, 44, 47, 62, 70, 89, 91, 109, 141, 157, 184, 226, 340, 354.

Behavior Modification

23, 25, 34, 51, 67, 100, 105, 107, 123, 125, 138, 146, 195, 211, 354, 357.

Certification

302, 309, 339, 342, 343, 365.

Change

28, 33, 133, 134, 186, 187, 318, 330, 346, 365.

Classroom Management

23, 24, 25, 26, 41, 51, 66, 75, 82, 83, 92, 93, 100, 121, 125, 126, 131, 142, 179, 180, 181, 194, 200, 202, 203, 219, 225, 228, 310, 317, 325, 330, 345, 512, 521.

College/University Faculty

8, 40, 45, 171, 173, 177, 313, 326, 327, 341, 346, 356, 366, 367, 368, 369, 370, 403, 410, 503, 525, 417.

Community Relations

1, 178, 359, 376.

Computer

32, 154, 220, 305, 306.

Content Areas

7, 8, 24, 30, 49, 65, 68, 76, 94, 120, 122, 128, 166, 169, 191, 195, 197, 198, 199, 204, 210, 322, 324, 326, 328, 335, 344, 351, 355, 371, 372.

Counselors

9, 22, 37, 38, 39, 78, 118, 345.

Cross Cultural

42, 90, 225, 336.

Decision Making

41, 46, 82, 95, 126, 149, 153, 183, 196, 216.

Early Childhood

19, 55, 56, 57, 58, 59, 78, 108, 169, 170, 171, 172, 173, 174, 175, 176, 178, 223, 315, 329, 347.

Evaluation

3, 4, 5, 9, 31, 33, 43, 46, 52, 61, 70, 71, 73, 87, 111, 113, 124, 137, 139, 150, 167, 177, 182, 183, 189, 205, 216, 217, 218, 226, 300, 307, 308, 311, 343, 360, 502, 504, 505, 526.

Games and Simulations

11, 26, 53, 54, 64, 69, 74, 77, 84, 97, 114, 130, 132, 151, 159, 161, 162, 163, 306, 353, 405, 413.

Human Relations

1, 8, 45, 50, 69, 81, 83, 89, 90, 105, 106, 117, 118, 123, 128, 140, 151, 155, 158, 180, 181, 182, 189, 200, 204, 213, 229, 319, 325, 336, 376, 507, 517, 518.

Interaction Analysis

13, 14, 15, 22, 37, 52, 61, 72, 76, 79, 80, 101, 102, 103, 112, 129, 144, 164, 303, 505, 513, 518.

Microteaching

118, 119, 120, 121, 122, 164, 201, 205, 304, 321, 331, 332, 333, 334, 350, 351, 357, 374, 412, 504, 508, 514, 527.

Model Programs

227, 300, 312, 314, 315, 316, 320, 323, 325, 326, 335, 336, 337, 338, 344, 358, 363, 371, 375, 500, 509, 510, 511, 515, 516, 522, 523.

Paraprofessionals

56, 136, 170, 173, 174, 176, 190, 193, 223, 315, 326.

Program and Product Development

40, 44, 46, 48, 65, 92, 93, 96, 104, 113, 142, 148, 150, 152, 156, 160, 165, 168, 179, 180, 181, 184, 186, 197, 206, 211, 217, 225, 305, 308, 312, 315, 316, 324, 338, 349, 352, 409, 526.

Questioning Skills

14, 27, 66, 75, 80, 82, 109, 119, 201, 501.

Resources and Information

401, 402, 403, 404, 405, 406, 407, 408, 410, 411, 412, 414, 415, 416, 519, 417.

Rural Communities

28, 170, 179, 225, 329.

Supervision and Administration

19, 55, 57, 58, 67, 69, 81, 99, 105, 117, 132, 133, 134, 154, 376.

Systems Approach

372, 502.

Urban Education

19, 21, 36, 90, 95, 175, 225, 359, 361, 364, 411, 503.

SECTION I, PACKAGED PROGRAMS AND GUIDES #1 - 299.

1. ABE Teacher-Teacher Aide Training Package by Southwestern Cooperative Educational Laboratory, 117 Richmond Drive, N.E., Albuqurque, N.M., 87106.

   A 3 hour program designed to train teachers and teacher aides in basic education techniques, ABE Teacher-Teacher Aides Training Package is a slide-tape presentation. Also included is a microteaching film that discusses and demonstrates the self-evaluation technique. Focus is on how teachers and teacher aides relate to each other, to learners, and to the community and its cultural substructures. This program is used in conjunction with the Laboratory's Behavional Objectives, English As a Second Language and Systems Approach packages, but it can be used as a separate program.

2. Alternative Avenues to Educational Accountability by Dr. J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

   This program examines educational accountability. The program distinguishes between three forms of such accountability, namely, personal, professional, and public. Advantages and disadvantages of each of these three educational accountability systems are treated. Filmstrip, tape, manual.

3. Alternative Measurement Tactics for Educational Evaluation by Dr. J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

   This program presents a four category conceptual system for describing and generating the diverse types of educational measurement schemes which should be used in systematic educational evaluations. Filmstrip, tape, manual.

4. Analysis of Teaching Behavior by Gene E. Hall. Research and Development Center for Teacher Education, University of Texas, Austin, Texas, 78712.

   Training in use of "Instrument for the Analysis of Science Teaching of Interaction Analysis." Contains audio-tape, instructors manual (includes printed material).

5. Analyzing Learning Outcomes by Dr. E. Baker. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

   In this program techniques of task analysis are applied to learning objectives. Practice is provided so that an operational objective can be analyzed into subtasks, designated as either entry or enroute skills. Use of a particular strategy is advocated in which instruction is approached in terms of learners' response rather than teacher presentations. Filmstrip, tape, manual.

6. Appropriate Practice by Dr. J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

   One of the most important principles which can be used in selecting effective instructional sequences is to "give the learner opportunities to practice the behavior implied by the instructional objective." This program examines two forms of appropriate practice, namely, equivalent and analogous practice, and contrasts these with pre-requisite tasks and irrelevant behavior. The viewer learns to identify each of these and to generate his own appropriate practice activities. Filmstrip, tape, manual.

7. Arithmetic Project: In Service Course. Mrs. Lisa Gregorian, University of Illinois Arithmetic Project, Education Development Center, 55 Chapel Street, Newton, Mass., 02160. Films-rent $15.00 each, materials purchase extra.

   Designed for teachers to enrich ongoing K-6 mathematics curricula in schools. Either 19 week or 10 week condensed sequence. Contains written materials, 19 films of teacher training classes, supplementary math materials and corrector materials for workshop leader.

8. Arranging for Effective Demonstration Teaching. National Audio-Visual Center (GSA), Washington, D.C. 20409.

   Inservice for college professors. Focuses on interpersonal relations. Designed to be used with "Science - A Process Approach," but generalizable to other types of programs. Includes a film, user's guide, resource materials.

9. Assessment Training Kit by C. Lewis and S. Menaker. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3207, Austin, Texas, 78712.

   This package will, when complete, include six manuals, one for each of five instruments in the Comprehensive Assessment System and a "summary report" manual. The manuals are designed to train counselors in the clinical interpretation of the instruments in preparation for a personal assessment feedback counseling interview. For counseling psychologists only.

10. Assessory Studio Kit. 3M Company, 3M Center, St. Paul, Minn., 55101. #15-0002-4, $169.00

    Accessory Studio Kit is the fast, convenient way to prepare visuals without a transparency maker. Includes materials and "how to do it" brochure.

11. 1. Basic Course: Teaching is Learning to Listen; 2. Activities in Metaphor by W. J. Gordon and Tony Poze. Synectris Education Systems, 121 Brattle Street, Cambridge, Mass., 02138. $50.00

    Emphasizes development of teacher's ability to use metaphoric activity in application with learners. Contains 2 self instructional books.

12. Basic Educational Graphics. Educational Media Laboratories, 4101 S. Congress, Austin, Texas, 78745. $235.00.

Designed for use by media directors, instructional center personnel and workshop directors but can also be used by principals and supervisors. Covers simple lettering devices and techniques, wire brush lettering, dry-mounting, laminating, composition, tapes and use of prepared materials. Includes 10 filmstrips, 8 records, 12 color projectuals, 4 instructor's manuals, 1 participant's manual, 1 student materials kit, and a demonstration kit.

13. Basic Interaction Analysis Training Course. Association for Productive Teaching, 5408 Chicago Avenue South, Minneapolis, Minn., 55417. $179.50.

Self contained materials for training in verbal interaction analysis. Audiotapes, guide, evaluation instruments.

14. Basic Teaching Skills Development Packet. Educational Innovators Press, P.O. Box 13052, Tuscon, Arizona, 85711. $5.00.

Contains programmed materials and exercises for use by teachers to improve classroom interaction, such as listening and questioning skills.

15. Basic Teaching Tasks: A Teaching Laboratory Manual for Beginning Teacher Candidates by O. L. Davis, et al. Research and Development Center for Teacher Education, University of Texas, Austin, Texas.

Develops interactive teaching skills in simulated teaching situations. Contains laboratory manual, audio or video tape facilities.

16. Behavioral Objectives Package. Southwestern Cooperative Education Laboratory, 117 Richmond Drive, N.E., Albuquerque, New Mexico, 87106.

The Behavioral Objectives Package contains slide-tape presentations and a workbook. Six lessons outline: goals and objectives; the instructional program; the three domains (cognitive, affective, and psychomotor) entering behaviors; components of a behavioral objective; how to write behavioral objectives. A pre- and post-test are included. Training in use of the package will be provided by the Southwest Cooperative Educational Lab.

17. Cameras in Education by Educational Media Laboratories. Catalog #73804-100. Technifax Education Division, Plastic Coating Corporation, Holyoke, Mass., 01040. $135.00.

This series is concerned with the educational application of photography for teachers, emphasizing composition and planning skills for use in the classroom. Designed as a 4-5 day workshop containing transparencies, 4 filmstrips and tapes, instructors handbooks, and student manuals.

18. Camera in the Classroom: The Human Side of Videotaping Teachers. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Texas, 78712. $.75.

This manual tells how to film or videotape undergraduate neophyte teachers with minimal discomfort to the teacher or disruption of her class. The manual includes some limited technical information, but emphasis is on the human aspects of filming, sources of bias that can enter the filming process and recommendations based on extensive experience with live filming of neophyte teachers.

19. Career Development in Head Start: Career Development Training Program, Bank Street College of Education by Wolotsky, H.; Mueller, C.; Anderson, R.; and Pilson, H. New York, 1970. IMCSE #9270.

    Source materials for Head Start paraprofessional and professional career development coordinators. Covers components of career development, steps to take in beginning the career development of individual staff members, roles of coordinators, Provides lists and addresses of career development organizations, charts for doing task analysis, copy of OEO Head Start regulations, and bibliography.

20. Chalkboards and Flannel Boards: Chalkboard Care; Chalkboard Use; Flannel Board Construction; Flannel Board Use. BFA Educational Media, 2211 Michigan Avenue, Santa Monica, Ca., 90404. Captioned filmstrip, $7.25-series of 4, boxed, $28.00.

    The filmstrips cover in detail the construction of a flannel board and the use and care of several examples of both types of boards. The materials used are shown and many types of presentations possible are demonstrated. Produced in collaboration with Milton Grassell.

21. Challenge of Urban Education. Urban Media Materials, Inc., 68-06 Fresh Meadow Lane, Fresh Meadows, N.Y., 11365. No. 301: 2 sound filmstrips with teachers' guide $24.50.

    Prepared for prospective teachers, new teachers, and teachers in training, this two-part series has been prepared by educators who have had years of experience in our inner-city schools, and who maintain an optimistic view of both the schools and the young teachers entering the teaching profession.

22. CIP - Interaction Analysis for Counselors by D. Crispin and S. Mayhugh. Association for Productive Teaching, 5408 Chicago Avenue, South, Minneapolis, Minn., 55417. Manual and 10 Forms - $2.00.

    Method of recording and analyzing behaviors of counselors and counselees.

23. Classroom and Instructional Management by David R. Buckholdt. CEMREL Inc., National Education Lab, 10646 St. Charles Rock Road, St. Ann, Mo., 63074, available Fall 72.

    13 written and audiovisual training units to prepare teachers to use reinforcement techniques to develop desired student behaviors in learning and classroom order.

24. Classroom as a Learning Community. Education Development Center, Inc., 15 Miffin Place, Cambridge, Mass., 02138. Rental $60.00.

5 sequential seminars built around 5 films of classrooms studying Man: A Course of Study. Aimed at inservice and preservice based on how a classroom group becomes a resource for learning. Contains course booklets to accompany student films.

25. Classroom Behavior Analysis and Treatment by Dr. Robert L. Spaulding, Director, Child Development Institute, San Jose State College, San Jose, Ca., 95114, $3.50 plus postage.

This book reports on a comprehensive system for measuring transactional behavior of children and teachers in classroom settings. It can help students to apply information about behavior modification techniques by providing them with a means of assessing behavioral styles and behavioral changes.

26. Classroom Management Simulation System by Paul Twelker. Simulation Systems Program, Teaching Research Division, Oregon State System of Higher Education, Monmouth, Ore., 97361. Instructor's manual $3.00; Student manual $1.00; Media (2 month rental) $116.00.

Simulations dealing with classroom management, Program text, slide-tape and film. Deal with norm setting, dealing with disruptions and daily incidents.

27. Classroom Questioning Strategies. Northwest Regional Education Lab., 500 Lindsay Building, 710 S.W. Second Avenue, Portland, Ore., 97204.

This instructional program provides all materials and procedures for conducting 30 hours of instruction in the use of various methods of asking questions which lead students to more productive thinking.

28. Community Oriented Change Process. Northwest Regional Educational Lab, 500 Lindsay Building, 710 S.W. Second Avenue, Portland, Ore., 97204.

Set of related products designed to help rural communities systematically effect educational improvement, including change agent kits and training, community training and materials on dealing with problems. Available 1973.

29. Communicating Technology. Special Education Instructional Materials Center, University of Wisconsin, 415 W. Gilman Street, Madison, Wisc., 53706, available on loan.

Concept and application of media consistency. Leads participant through both media consistent and inconsistent activities. Opening and closing materials available in script and recorded forms.

30. Competencies in Mathematics. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Tex., 78712. $1.25/manual(each).

This is a series of instructional manuals dealing with various competencies necessary to the teaching of elementary mathematics. Nine modules are currently available.

31. Comprehensive Personal Assessment System for Teacher Education Programs Examination Packet. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Tex., 78712. $1.00

This is a package of printed assessment instruments, manuals and explanatory pamphlets that will enable a college of education to install an integrated program of psychological assessment covering all its students. A price list is included for supplies of instruments and scoring services available from the Center.

32. Computer Training Package. Northwest Regional Educational Lab., 500 Lindsay Building, 710 S W. Second Avenue, Portland, Ore., 97204.

The training package includes 12 instructional units.
Course I -- Instroduction includes an Orientation, Introduction to Computers and Computers in Education.
Course II -- Applications includes units in Mathematics, Science, Business Education, English and Social Studies.

33. Consultation Skills (PETC II). Northwest Regional Education Lab., 500 Lindsay Building, 710 S.W. Second Avenue, Portland, Ore., 97204.

Develops competencies for applying differential diagnostic techniques and applying differential intervention strategies. Available 1973.

34. Contingency Management: A Positive approach to Motivation. General Programmed Teaching, Quail Hill, San Rafael, Ca., 94903. $26.50

Filmstrip cassette presentation 16 min. long.
Principles of Contingency Management illustrated by means of cartoons.

35. Conventional Media. Educational Media Laboratories, Technifax Education Division, The Plastic Coating Corporation, Holyoke, Massachusetts 01040. Complete Set, Super 8mm Film Loop - $140.00. Complete Set 16mm Motion Picture - $185.00.

This series deals with planning and utilizing film and filmstrips in teaching. The materials can be used in a directed workshop or on a self-instructional basis.

36. Cooperative Urban Teacher Education Program. Mid-Continent Regional Educational Laboratory, 104 E. Independence Avenue, Kansas City, Mo., 64106. $10.00

Manual Describing inner city program for student teachers. Classified in 3 components: sociology, mental health and teacher education.

37. Counseling Interaction Profile Training Tape. Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn., 55417. Reel-$8.50 Cassette-$7.80.

Recorded dialogue of counseling interviews analyzed in the CIP system.

38. Counseling Teachers: Using Video Feedback of their Teaching Behavior. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Texas 78712.

This manual describes counseling of non-volunteer teacher-clients when the focus of counseling is feedback about the teacher's behavior on video tape. This technique must be used in conjunction with the methods described in the manual Counseling Teachers: Using Personal Assessment Feedback for counseling psychologists only.

39. Counseling Teachers: Using Personal Assessment Feedback. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Texas, 78712.

This manual describes assessment feedback counseling of non-volunteer teacher-clients when the focus of counseling is feedback about the teacher from psychological instruments she has completed for counseling psychologists only.

40. Creating Climates for Growth. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Tex., 78712. $.35; Guide - $.75.

This widely circulated booklet explains personalized teacher education to education students. It is accompanied by a discussion guide for use by teacher educators to help them introduce a personalized program.

41. Critical Moments in Teaching (film series) and Guide for Independent Discussion and Study by David Gleissman, editor. Publisher for the discussion guide: Holt, Rinehart and Winston, Inc., 383 Madison Avenue, New York, New York, 10017. Source for films: New York University Film Library, 26 Washington Place, New York, New York, 10003. Cost: discussion guide (third edition) $5.10. The sixteen films range in price from $100 to $150.00; they are also available on a rental basis, $10.00 first day and $5.00 each additional day. Soon to be available on a rental basis from Holt, Rinehart and Winston. Materials: Films and guidebook for discussion.

The films and Guide confront the student with various teaching problems and provide guided decision-making experiences with respect to them.

42. Cross-Cultural Communication Program by Southwestern Cooperative Educational Laboratory. SCEL, 117 Richmond Drive, N.E., Albuquerque, New Mexico, 87106.

Designed to aid teachers in verbal and nonverbal communication with ethnic children and adults, Cross-Cultural Communication Program places emphasis on differences between cultures and how these dissimilarities can cause communication breakdowns. Included in this program are films and slide/tape media, as well as an instructional manual.

43. Current Conceptions of Educational Evaluation by Dr. J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. Filmstrip tape, manual $12.50

The viewer acquires the ability to discriminate between four important conceptual distinctions recently used in the field of educational evaluation: measurement and evaluation, formative evaluation and summative evaluation, process criteria and product criteria, and evaluation as an assessment of merit versus evaluation as an aid to decision makers.

44. Curriculum Rationale by Dr. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50

Emphasizing the importance of selecting defensible objectives, this program describes the essentials of Ralph Tyler's approach to curriculum building. The viewer is given practice in employing the major components of the Tyler model. Filmstrip, tape, manual.

45. A Day in the Life of the Consultant by Eastern Regional Institute for Education. National Audiovisual Center (GSA), Information Branch, Washington, D.C., 20409.

For college professors as inservice - course. Expands commonly held ideas about what consulting involves. Emphasizes interpersonal relations. Contains 50 11"x14" photos of consultants in action, 2"x2" slides, guide suggesting, 45 activities in conjunction with the pictures.

46. Deciding on Defensible Goals Via Educational Needs Assessment by Dr J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

This program examines a strategy for systematically securing the preferences of various representative groups in order to establish educational goals. After completing the program the viewer will be able to design a plan for an educational needs assessment procedure which incorporates the technical procedures described in the program. Filmstrip, tape, manual.

47. Defining Content for Objectives by Dr. E. Beaker. Vimcet Associates, P.o. Box 24714, Los Angeles, Ca., 90024. $12.50.

In this program the application for behavioral objectives is made feasible in an ordinary classroom situation. Teachers are taught that operational objectives should specify content that is generalizable beyond a single test item. The viewer learns to identify objectives which do and do not exemplify content generality and to write objectives which do. Filmstrip, tape, manual.

48. Designing Effective Instruction. General Programmed Teaching, P.O. Box 402, Pal Alto, Ca., 94302. Tapes-$650.00, Cassettes-$675.00.

15 tapes, 12 color filmstrips, 10 workbooks, 1 monitors manual, 1 script book. Entirely self-instructional course designed to teach principles and procedures for developing performance based learning and instruction on several levels: planning units and lessons; carrying out student contracts, creating programmed materials.

49. Developing Language: An OISE Language Learning Project. $25.00

A teacher training kit in language development skills (8834).

50. Diet for the Self by Dr. R. Clark. Association for Productive Teaching, 5408 Chicago Avenue S, Minneapolis, Minn., 55417. Reel-$8.50; Cassettes -$7.80.

Explores definitions included in self concept: (1) How to be lovable; (2) How to be capable; (3) How to be meaningful; (4) How to be autonomous.

51. Discipline in the Classroom by Dr. E. Baker. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

This program describes a translation of operant methods to problems of classroom control. The viewer learns to describe the basic rules of contingency management, to identify instances when operant methods are being used, and to write solutions to common classroom behavior problems according to a reinforcement paradigm. Filmstrip, tape, manual.

52. Discovering New Dimensions in the Teaching Process by Greta Morine, et al Intext Educational Publishers, College Division, Scrantory, Penn., 18515. $3.95.

Book designed to help teachers analyze and evaluate their verbal interactions with students in terms of instructional objectives.

53. The Discovery Teaching Game by Paul Twelker and Donald Kohl. Simulation Systems Program, Teaching Research Division, Oregon State System of Higher Education, Monmouth, Oregon, 97361. Report-$16.00.

Exercises and information appear as appendices in a report titled Development of Low Cost Instructional Simulation Materials for Teacher Education. They can be reproduced by the purchaser. Printed instructions, problems, and issues. Printed information on a simulated class. A set of problems or issues which might typically confront a teacher using discovery techniques is provided.

54. Discovery Teaching Simulation System by Paul Twelker and Donald Kohl. Simulation Systems Program, Teaching Research Division, Oregon State System of Higher Education, Monmouth, Ore., 97361. $16.00.

Covers roles of a teacher, characteristics of discovery learning and teaching and their purposes and discovery techniques. Contains instructors and students manual. Part is designed to be used with films, but films are not available yet.

Distinguished Staff Training Monograph Series. University of Texas, Austin, Texas.

55. "An administrator's suggestions for a sample staff training program sequence in an early childhood education center for handicapped children." By F. W. Kirby, Vol. I, No. 2. 14 pp.

56. "Introduction to young exceptional children: a guide for para professionals" By G. Lambright, Vol. I, No. 6. 15 pp.
Introduction to the exceptional child, needs, his characteristics, and history of services provided him.

57. "Training of nonprofessionals in early childhood education centers." By A. Rister, Vol. I, No. 11. 77 pp. IMCSE #9342.
This paper is written for the personnel in early childhood education who are planning to conduct a training program for nonprofessionals. The program as outlined is meant to train instructional aides who will be actively involved in the teaching process.

58. "For those who choose to teach in the '70's." By A. E. Hughes, Vol. I, No. 12. 53 pp. IMCSE # 9343.

An informal look at important inclusions in a staff training program ie: physical, emotional, social, and intellectual requirements for teaching; objectives of the teaching - learning process and how to reach them.

59. "Learning systems for preschool physically handicapped children: A training program." By W.A. Myers, Vol. II, No. 3. 24 pp
Discusses items that should be considered by a staff when formulating its basic philosophy: 1) a communication system to be used among and between staff members, public, parents, and children; 2) learning theories, especially as they relate to the physically handicapped; 3) a model for training teachers.

60. Do-it-Yourself Kit for Transperancies. Channing L. Bete Co., Inc., 45 Federal St., Greenfield, Mass., 01301. $25.00

Contains materials and instructional manual for making your own transparencies.

61. Dyadic Interaction Coding Manual. Reserach and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Tex., 78712. $2.50

This manual explains how to code and interpret classroom interaction with the Dyadic Interaction Coding System. This system makes possible the collection of a profile of the quantitative and qualitative interaction patterns between teachers and individual children. An addendum explains how the system can be used by teachers for self-evaluation.

62. Educational Objectives by Dr Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50. #6784

This filmstrip-tape program assists one in developing precisely stated instructional goals. At its conclusion viewers are able (1) to distinguish between behaviorally and non-behaviorally stated instructional objectives and (2) convert non-behavioral objectives to a form specifying student post-instruction behavior.

63. Educational Uses of Cartridge Tapes. Dissemination Document #11. USOE/MSU Regional Instructional Materials Center, 213 Erickson, College of Education, Michigan State University, East Lansing, Michigan.

A booklet describing operation and use of cartridge tapes and taperecorders.

64. Edplan. Abt Associates, Inc., 55 Wheeler St., Cambridge, Mass , 02138. $25 00.

Educational System planning game designed to demonstrate major issues of educational planning. Includes manual, rules and role descriptions.

65. Electrical Circuits And Personalized Video Tape Feedback. Research and Development Center for Teacher Education, University of Texas at Austin Education Annex 3.207, Austin, Tex., 78712. $.75

This module ties together competencies in science, instructional design and classroom interaction with personalized feedback. It involves the teaching of a lesson using electric circuits, videotaping the lesson and receiving personalized feedback about teaching behavior during the experience.

67. Engineered Learning Project. Northwest Regional Special Education, Instructional Materials Center, University of Oregon, Clinical Services Building, Eugene, Ore., 97403.

Total Information Package available for loan from Regional Instructional Materials Centers for Special Education. Multimedia presentation for administrators providing information on 4 year classroom management system designed to assist teachers in helping children channel behaviors into appropriate academic and social areas.

68. English as a Second Language Package. Southwestern Cooperative Educational Laboratory, 117 Richmond Drive, N E., Albuquerque, New Mexico, 87106. Cost is $364.00 which includes training. Travel and per diem costs are extra if training is given outside the Laboratory.

The package is a film, slide, tape, and workbook presentation. Lasting approximately two and one half hours, it is designed to provide adult basic education teachers with instruction in the audio-lingual method. The package is almost completely self-contained, requiring minimal instruction from a Laboratory-trained specialist on the use of the materials.

69. Ernstspiel. Center for Advanced Study of Educational Administration, University of Oregon, Eugene, Ore., 97401. Field Test Use only until 1973.

Self-instructional package designed to help administrators and staff improve communication skills. Contains games, puzzles and riddles.

70. Establishing Performance Standards by Dr. E. Baker. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50

This program describes concrete ways of judging the adequacy of student accomplishment. Both qualitative and quantitative techniques for assessing learner competence are illustrated, including intellectual, attitudinal, and psychomotor behavior changes. The viewer is taught (1) to distinguish between performance standards used to differentiate achievement of students and those which aid the teacher in judging his own performance and (2) to construct performance standards for objectives in a number of subject fields. Filmstrip, tape, manual.

71. Evaluation by Dr. E. Baker. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50

This program discusses a rigorous system for assessment of teaching. The Viewer learns to select and construct test items appropriate to given objectives, to design both formal and informal pre-assessment procedures, and to make appropriate inferences regarding instruction based on data obtained from his students. Filmstrip, tape, manual.

72. Expanded Category Interaction Analysis Kit. Assoc. for Productive Teaching, 5408 Chicago Ave. S., Minneapolis, Minn., 55417. $25.00.

Includes selected items from the Skill Development in Teaching program. concentrating on relationship between verbal and non verbal interaction. Manual, workbook, audiotapes, transparencies and non-verbal IA Manual.

73. Experimental Designs for School Research by Dr. J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

Four simplified research designs suitable for use in evaluating educational programs are treated. The viewer is given practice in distinguishing between three weaker designs and the four recommended designs. Practice is also provided regarding when to employ each design. Filmstrip, tape, manual.

74. Experiments Teach--In-Service Training Kit. USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Mich., 48823. Available on loan.

Group exercise designed around the popular think-a-dot game to teach skills of systematic case-study and experimental methods.

75. Facilitating Inquiry in the Classroom.

"Leader's Guide: Facilitating Inquiry in the Classroom"(424 pages) by Fred Newton. $15.00

"Participant Materials" (260 pages) $2.50 per set.

Order from: Copy-Print Centers, 1206 S.W. Jefferson Street, Portland, Oregon, 97204.

"Audio Instructional Materials" $12.27 per set of four audio tapes.

Order from: Rex Recording Studios, 931 S. W. King Street, Portland, Oregon 97209.

Materials and step-by-step procedures for conducting 40-45 hours of instruction for learning to use teaching strategies which encourage student inquiry.

76. Foreign Language Teacher Interacts by Gertrude Moskowitz. Association for Productive Teaching, 5408 Chicago Ave S., Minneapolis, Minn., 55417. $38.50

6 tapes, text, 12 transparencies. Applies Interaction Analysis to ESL, French, Germany, Latin, Italian and Spanish foreign language teaching.

77. Games Teach--in-service Training Kit. Special Education Instructional Materials Center, University of Wisconsin, 415 W. Gilman St., Madison, Wisc., 53706. Available for loan.

Beginner's experience in designing a game in which both skill and chance play a part.

78. Guide for home visitors by R. Giesy (ed.). Nashville: Darcee, 1970, 192 pp. IMCSE # 9268

The home visiting approach is designed to teach the mother of a low income family to be an effective teacher of her child in her own home. This guide provides supplementary information and suggested activities for persons in training to be home visitiors. (see also Program: Overviews, Forrester et al. and Curricula: Methods, Forrester.)

79. Guided Self Analysis - Language Development by Theodore Parsons. G.S.A. Professional Development Systems, 2140 Shattack, Berkeley, California, 94704.

This system involves use of several interaction codes that enable the teacher (with audio or videotapes) to observe, analyze, and construct a profile of his own teaching behaviors. Seven interaction schedules are included.

80. Guided Self-Analysis: Teaching for Inquiry by Theodore Parsons. Guided Self-Analysis Professional Development Systems, 2140 Shattuck, Berkeley, California, 94704. $50.00 for set of six manuals.

Written material (six manuals); audio- or videotape lessons and facilities are required but not provided by the program. The Guided Self-Analysis Program: Teaching for Inquiry aims to improve instructional competence by having the teacher learn a series of focused interaction codes, a system for computing profiles for each code, and guidelines for interpreting the profiles.

81. Handbook of Staff Development and Human Relations Training by Donald Nylen. National Training Laboratories, Institute for Applied Behavioral Science, Washington, D.C. #8589

82. Higher Level Thinking by J. McCollum. Northwest Regional Educational Lab. 710 S. W. Second Ave., 500 Lindsay Bldg., Portland, Ore., 97204.

The instructional program prepares the teacher to use teaching strategies which increase the abilities of students to solve problems by categorizing facts, drawing generalizations from these facts and applying them to unknown situations. Organized into 21 units, it provides all materials and procedures for conducting 40 hours of instruction. Based on Hilda Taba's works: 1) a 423-page instructor's manual; 2) Participant exercise; 3) audiovisual instructional materials.

83. High School, Problems and Possibliities by Wm. Glasser. Educator Training Center, 2140 W. Olympic Blvd. Los Angeles, Ca., 90006.

12 T.V. films, guidebook. 1) mini text allowing viewers to react to series of major topic areas and interact with own class. 2) model, allowing viewers to become involved with own staff, etc.

84. How to Design Educational Games by Ray Glazier. Abt Associates, Inc., 55 Wheeler St., Cambridge, Mass., 02138. Booklet-$2.50.

85. How to fill out a CBRU request form. Special Education Instructional Material Center, New York State Dept., 55 Elk St., Albany, New York, 12224.

A ten minute slide-tape presentation for self-instructional use or an in-service program on the CBRU's. 30 slides, reel to reel tape.

86. How to get the most out of a filmstrip. TF-4A: One color filmstrip and TF-4A: One color filmstrip and 1 cassette Teach-A-Tape, $9.00. DF4A: One color filmstrip and 1 record, $8.50. Individual Filmstrip, $5.00. Individual Cassette, $4.00. Individual record, $3.50.

The mechanics of setting up the filmstrip with the subject; how to make your program more stimulating and various methods to increase attention -are discussed in detail.

87. How to Prepare Teaching Performance Tests by Dr. J Popham. Vimcet Associates P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

The measurement tactic involved is a teaching performance test and this program describes the attributes which effective teaching performance tests must possess. Filmstrip, tape, manual.

88. How to Splice a Film. BFA Educational Media, 2211 Michigan Ave., Santa Monica, Ca., 90404. 1 filmstrip, boxed, $7.00.

This filmstrip shows the composition of 16mm sound film and the way film cement effects the bond. It demonstrates handling of the film in the projector and on rewinds, indentifying the emulsion side, operating the Griswold splicer, and testing the splice. Produced by Audio-Visual Section, Los Angeles, City Schools.

89. Humanizing Educational Objectives by Dr. E. Baker. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

This program attempts to demonstrate that instructional technology can have positive impact in classrooms. Examples are provided where measurable objectives are formulated for social and personal development goals. Procedures for systematically involving individual learners in the selection of their unique objectives are also described. Filmstrip tape, manual.

90. Human Relations Training Unit by Far West Laboratory for Research and Development, Anti-Defamation League, 315 Lexington Avenue, New York, New York, 10016. $410.00.

Films and discussion guides. These materials are designed to provide teachers with insights and skills that will better fit them to deal with human relations problems in inner-city and racially mixed schools.

91. Identifying Affective Objectives by Dr Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50

Perhaps the most difficult task of those who must formulate objectives is the generation of non-cognitive, that is, affective objectives. This program provides a four step strategy for designing affective objectives and gives the viewer practice in using the strategy. Filmstrip tape, manual.

92. Individual Guided Motivation by Anne Buchanan, Wisconsin Center for Research and Development for Cognitive Learning, 1404 Regent Street, Madison, Wisconsin, 53706.

Four sets of materials have been developed; each one focuses on a motivational technique and includes handbooks, handouts, and 16mm films.

93. Individualizing Instruction by Dr. J Popham. Vimcet Associates P.O. Box 24714 Los Angeles, Ca., 90024. $12.50

This program offers a teacher alternative ways of individualizing classroom instructions. The most popular systems of individualizing instruction are examined along with specific instructional procedures suitable for large group instruction, small group instruction, and independent study. Filmstrip, tape manual.

94. Information Units by Far West Laboratory for Research and Development. Lockheed Education Systems, P.O. Box 504, Sunnyvale, California 94088. Sciences Information Unit (Elementary), filmstrips and tapes, $75.00. American Government Information Unit (High School), book form, $7.95.

Filmstrip and audio tape; printed matter. These materials were developed for use by the "school decision maker." Each unit provides information (goals, objectives, content, materials, teaching strategies, implementation requirements, costs, and evaluation) on a number of well-developed curricula in the designated subject area.

95 Inner City Simulation Laboratory by Donald R. Cruickshank. Science Research Associates, Inc., 259 East Erie Street, Chicago, Illinois 60611. $620.00.

Guide, filmstrips and records, sound films, roleplaying cards, participants unit and handouts. An inner city 6th grade class is simulated and the participants assume the note of the teacher as they attempt to solve the problems presented.

96. Instructional Design: A Self-Directed Learning Program by David P. Butts. Research and Development Center for Teacher Education, University of Texas, Austin, Texas. $3.00 manual.

The self-directed learning guide is designed as training in the skills for designing and planning instruction. It consists of twenty-two tasks organized around a single design or planning skill. For each task there is a pre-test, task activity and a post-test.

97. Instructional Game Design Task. Special Education Instructional Materials Center, University of Wisconsin, 415 W. Gilman St., Madison, Wisc., 53706 Available free.

Set of printed materials designed for in-service and pre-service training. The materials provide the structure of a small group activity that leads each team through the development of a simple chance/skill instructional game. Further emphasis is placed on the ability to clearly communicate instruction in writing.

98. Instructional Graphics for Television. Educational Media Laboratory, 4101 S. Congress, Austin, Tex., 78745. $70.00

Covers utilization, principles of production and various sub-areas of television. Contains overhead projectuals, sound filmstrip, instructors and participant's manual.

99. Instructional Supervision: A Criterison-Referenced Strategy by Dr. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

A goal-referenced approach to supervision is advocated in this program wherein the supervisor's two primary responsiblities are to (1) aid the the instructor to select more defensible objectives and (2) assist the instructor to attain those objectives. Filmstrip, tape, manual.

100. Instructional Tactics for Affective Goals by Dr J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, Ca., 90024. $12.50.

Operating on the assumption that affective instructional goals are perhaps the most important which classroom teachers can accomplish, this program presents the following three tactics: modeling, contiguity, and reinforcement, and gives practice in identifying when they are being employed by fictitious teachers. Filmstrip, tape, manual.

101 Interaction Analysis. Teacher Inservice Programs and Services, P.O. Box 465 Eugene, Ore., 97401 $232.00/trainers manual, tape and film. Filmstrip with audiotape-$24.50; University of Minnesota, Audio-Visual Center, Minneapolis, Minn.

The instructional program prepares teachers to use techniques for collecting data about what happens in the classroom, analyzing and interpreting the information, and using it to make sound judgments for improving instruction. Organized into 18 units, it provides 30 hours of instruction.

102. Interaction Analysis.
"Trainer's Manual: Interaction Analysis" (215 pages) by John H. Hansen and Robert A. Anderson, $4.00.
"Participant Materials" $2.50/per set.
"Instructional Transparencies" (may be reproduced locally if desired) $12.90/per set of 39.
"Seven-Episode Training Tape" $8.20.
Order from Copy-Print Centers, 1206 S.W. Jefferson Street, Portland, Oregon 97204.

"Filmstrip with Audiotape: Studying Teacher Influence, parts 3 and 4" Approximately $20.00.
Order from University of Minnesota, Audio-Visual Center, Minneapolis, Minnesota 55455.

"Interaction Analysis: Theory, Research and Application," edited by Amidon and Hough, approximately $4.95.
Order from Addison-W sley, Reading, Mass., 01867.

Materials and step-by-step procedures for conducting 30 hours of instruction for learning the techniques of Interaction Analysis. These techniques include collecting data about what happens in the classroom, analyzing and interpreting the information, and using it to make aound judgments for improving istruction. A qualified instructor can conduct the program for up to 30 participants. Related audio-visual instructional aids are available.

103. Interaction Analysis Training Kit. Association for Productive Teaching 5408 Chicago Ave. South, Minneapolis, Minn. 55417.

Three Components:
"Role of the Teacher in the Classroom", a book detailing Interaction Analysis observation techniques. $2.00
"Level 1 Training Kit", a one hour tape of classroom interactions to tally and analysis of the exercises. $13.50.
"Level 2 Training Kit," a one hour tape with manual for in-depth analysis. $15.00.
(transparencies for each kit $14.50 extra)

104. Interaction Teaches--in-service Training Kit. USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Michigan 48823. Available for Loan.

Team-work exercise that develops skill and insight related to selection and evaluation of instructional materals.

105. Interpersonal Communications.
"Leader's Manual: Interpersonal Communications" (390 pages), by Charles Jung, Rosalie Howard, Ruth Emory and Rene Pino, $5.00.
"Participant Materials," $3.00/per set.
Order from Copy-Print Centers, 1206 S.W. Jefferson Street, Portland, Oregon 97204.

"Audio Visual Instructional Materials", $150.00/per set of nine 16mm sound films and one audio tape.
Order from Xicom, Inc., Sterling Forest, Tuxedo, New York, 10987.

Materials and step-by-step procedures for conducting 30 hours of instruction for teachers and administrators to increase their abilities to communicate with students, the community and other school personnel. The materials are organized into 20 units. Topics include: (1) paraphrasing, (2) behavior description, (3) describing feelings, (4) nonverbal communication, (5) the concept of feedback, (6) matching behavior with intentions, (7) communicating under pressure and (8) communication patterns in the school building. A qualified instructor can conduct the program for approximately 30 participants.

106. Interpersonal Influence. Northwest Regional Educational Lab., 500 Lindsay Building, 710 S.W. Second Ave., Portland, Ore., 97204.

The instructional program provides teachers and administrators with skills in influencing individuals and groups. It is organized into 20 units for providing 30 hours of instruction in a five-day workshop. The instructional program will be ready for general use in 1973.

107. An Introduction to Behavior Modification for Teachers. Instructional Materials Center for Special Education, USC, 1031 S. Broadway, Los Angeles, Ca., 90015.

Booklet which was used as the content basis for a training session held at the CEC Convention in Miami, 1971. Includes background information and text of large group presentations, small group task exercises on counting, pinpointing and charting of behaviors, and descriptions related to video tape segments which were shown. Produced as a joint effort by The USC, Colorado, Oregon and Kansas IMCS.

108. Instroduction to Early Childhood Education and a Laboratory Workbook to Early Childhood Education by Verna Hildebrand. The Macmillan Company 866 Third Avenue, New York, New York, 10022. Text-$7.95; workbook-$3.95.

Textbook and laboratory workbook. Introduction to Early Childhood Education and the accompanying laboratory workbook is a complete course in Early Childhood Education designed to maximize the learning from student-teachers' observation and participation experiences by co-ordinating their college and clinical coursework.

109. Introduction to Instructional Technology. General Programmed Teaching, Quaill Hill, San Rafael, Ca., 94903. Record-$25.00, cassette-$26.50.

Filmstrip and cassette or record-15 min. Explores objectives, interactive instruction and validation, their meaning and relationship to each other.

110. Introductory Transparency Materials Kit. Tecnifax Educational Division, 500 S. Airport Blvd. South San Francisco, Ca., 94080. $14.50.

Contains materials and guide for making transparencies.

111. Knowledge of Results by Dr. J. Popham. Vimcet Associates, P.O. Box 24714 Los Angeles, Ca., 90024.

This program stresses the importance of allowing the learner to judge the adequacy of all important responses made during an instructional sequence. The viewer is given practice in discriminating between hypothetical situations in which an instructor does or does not provide knowledge of results. Filmstrip, tape, manual.

112. Learning Interaction Analysis; A Programmed Approach by Miles C. Olson. Educational Consulting Association, Inc., 3311 South Broadway, suite 304 Englewood, Colorado, 80110. $4.95/each(includes book and record)

45 page booklet plus two 33 -1/3 RPM records. A compact, entirely self-instructional programmed course designed to introduce students to the concept of Interactional Analysis and develop their knowledge and coding proficiency using the Flanders Category System.

113. Making Your Own Tests. The Cooperative Test Division-Educational Testing Service, Princeton, New Jersey. ETS1: 3 color filmstrips, 2 records and 28-page ditto master work kit, $20.00.

A filmstrip training program to help teachers improve classroom testing. The program employs 3 color sound filmstrips and a work-kit to present the essentials of test-making in a practical, down-to-earth way. Titles of the sound filmstrips are: "Planning the Test", "Constructing the Test" "Analyzing the Test." The work kit consists of 28 ditto masters so that you may run off up to 300 copies of the work kit as needed for your in-service program.

114. Marquêite Simulation. Special Education Instructional Materials Center. University of Wisconsin, 415 W. Gilman St. Madison, Wisc., 53706. Available for loan.

Set of printed materials for in-service and pre-service training. The materials provide the structure of a simulation requiring the participants to design, re-design, develop and promote an instructional material. Participants work in small groups as a member of a large corporation's instructional design department.

115. Media for Discovery by Dr. Hans Moller. $2.95.

Handbook on using media in the classroom including overview of use, practical suggestions and model unit plans for teaching through mult-media resources.

116. Media Memos (Handouts); Limited copies available free. Southern Regional Media Center for the Deaf, College of Education University of Tennessee, Knoxville, Tenn. 39716.

Step-by-Step instructions, with illustrations, for teacher training. Subjects: (1) Mounting and laminating; (2) Transparency making -- thermal, lifted, teacher-made; (3) equipment operation; projectors-- motion picture, filmstrip, slide, overhead. (Series being continued.)

117. Meeting Your Cooperating Teacher. Research and Development Center for Teacher Education, University of Texas, Austin, Texas

A slide/tape presentation dealing with students' concerns about relationships with their cooperating or supervising teachers. A discussion guide accompanies these materials which are available by special arrangement.

118. Microcounseling. Allen E. Ivey, Professor of Education, University of Massachusetts, Amherst, Massachusetts.

Based on microteaching, microcounseling selects single human relations skills, defines them behaviorally, and teaches them with the aid of video self-confrontation, written or programmed test manuals, and video models of the behavior to be taught.

119. Minicourse on Effective Questioning in a Classroom Discussion (Elementary). Far West Laboratory for Research and Development, MacMillan Educational Services, Inc. 866 Third Avenue, New York, N. Y. 10022. Purchase: $1400.00, 6-week rental: $175.00, Lease for Purchase $440.00 per year over 4-year period. Materials: Films and handbook.

The minicourse is designed to change teacher behavior in relation to a specific, well-defined set of teaching skills in conducting a discussion.

120. Minicourse on Individualizing Instruction in Mathematics. Far West Laboratory for Research and Development, MacMillan Educational Services, Inc., 866 Third Avenue, New York, N. Y, 10022. Purchase $1400.00, 6-week rental: $175.00, Lease for purchase: $440.00 per year over 4-year period. Materials: Films and handbook.

The minicourse, using microteaching technique, is designed to change teacher behavior in relation to a specific, well-defined set of teaching skills.

121. Minicourse on Organizing the Primary Classroom for Independent Learning and Small-Group Instruction. Far West Laboratory for Research and Development, Macmillan Educational Services, 866 Third Ave., New York, N. Y. 10022. Purchase $1080.00, Rental $165.00. Materials: Films and handbook.

This minicourse, using a microteaching technique, is designed to develop skills in creating a classroom environment in which independent learning and small-group instruction can occur simultaneously.

122. Minicourse on Thought and Language: Skills for Teaching the Child with Minimal Language Development. Far West Laboratory for Research and Development, Macmillan Educational Services, 866 Third Avenue, New York, N. Y. 10022. Purchase $1320.00, Rental $195.00. Films and handbook.

This minicourse, using a microteaching technique, is designed to develop teaching skills that lead to language-learning by kindergarten children with minimal language background.

123. Models of Teaching: Self-Instructional Modules. Bruce Joyce, Marsha Weil, Rhoada Wald. Source: Bruce Joyce, Teachers College, Columbia University, 525 West 120th St., New York, N. Y. 10027.

Supplementary materials include a text, Models of Teaching, written by Bruce Joyce and Marsha Weil. In press (January 1972)Prentice-Hall, Englewood Cliffs, New Jersey.

Modules in four categories:
1) intellectual aspects of learning
2) development of group relations
3) personal development
4) behavior modification sources
Draws upon the works of Carl Rodgers, Jerome Bruner and Herbert Thelen.

124. Modern Measurement Methods by Dr. J. Popham. Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024. Cost: $12.50.

Two recent conceptions in educational measurement are examined in this program, namely, item sampling and criterion-referenced measurement. Their implications for diverse evaluation situations are explored. The viewer is given practice in deciding when to use these approaches. Filmstrip, tape, manual.

125. Modifying Classroom Behavior:Nancy Backley and Hill Walker; Research Press Company, Champaign, Illinois 61820. Cost: $3.00. Programmed textbook, paperback.

A combination of prose and programmed items is used to present information on procedures for classroom teachers utilizing behavior modification techniques.

126. Mr. Land's 6th Grade (Simulation Films): Bert Kersh. Dean Bert Kersh Oregon College of Education, Monmouth, Oregon 97361. Cost: $400.00. Films and supportive printed materials.

Films present a series of problematic situations in a sixth grade classroom. There are sixty "problems" of about one minute each, organized into sets of twenty problems, with each set representing one day in the classroom.

127. Multi-media Learning Materials U-Film: Hudson Photographic Industries, Irvington-on-Hudson, New York.

A make-it-yourself filmstrip kit containing materials and guide.

128. Non-Evaluative Classroom Observation by Eastern Regional Institute for Education. National Audiovisual Center (GSA), Washington, D. C. 20409

Inservice for college professors. Aimed at interpersonal relations. Designed to be used with "Science-a Process Approach" but can be generalized to other types of programs.

129. Non-Verbal Interaction Analysis Manual by Peggy Amidon. Assoc. for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn. 55417. Cost: $4.00.

Introduces a system of nonverbal interaction analysis to identify inconsistencies between verbal and nonverbal communications in the classroom.

130. Observation Teaches--In-Service Training Kit: Available for loan. USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Michigan.

Game that provides experience in systematic use of observable data to develop hypotheses for problem-solving (adopted from Jerome Bruner).

131. Opening Classroom Structure by Dr. E. Baker: Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024. Cost: $12.50.

This program includes descriptions of three observable characteristics of open classrooms and two instructional planning recommendations for those interested in implementing less formal classroom environments. The program integrates "open structure" with current emphases on instruccional planning. Filmstrip, tape, manual.

132. Organizational Constraints (Games and Simulations): Research and Development Center for Teacher Education, University of Texas, Austin, Texas.

This program is concerned with school organization and learning to live with the school bureaucracy.

133. Organizational Development Skills (PETC III): Northwest Regional Educational Laboratory, 500 Lindsay Building, 7105 W. Second Avenue, Portland, Oregon. 97204.

Provides for competencies in applying techniques for changing organizational structure and norms and increasing the functional capabilities of a school system in meeting its own needs. Available 1974.

134. Organizational Self-Renewal (PETC IV): Northwest Regional Educational Laboratory, 500 Lindsay Building, 710 S. W. Second Avenue, Portland, Oregon. 97204.

Program on applying techniques for changing organizational identity and boundaries and increasing those functional capabilities that enable an organization to establish new kinds of objectives and use new kinds of resources.

135. Overhead Projection Series: Educational Media Laboratory, 4101 S. Congress, Austin, Texas 78745. Cost: $150.00.

Designed for training in development and use of the overhead projector.

Includes 5 filmstrips, 5 records, instructors manual, participants manual and 18 review projectuals.

136. The Paraprofessional Comes To School: Urban Media Materials, Inc., 68-06 Fresh Meadow Lane, Fresh Meadows, N. Y. 11365. Complete kit: $75.00.

Four full-color filmstrips with sound on 33 1/3 lp records for manual or automatic projection...complete set of reproducable forms to initiate a program...complete training manual to assist professional personnel, school board members, or trainers to conduct individualized small group, or large group audience orientation and training sessions.

137. Patchwork: Limited loan. Southern Regional Media Center for the Deaf, College of Education, University of Tennessee, Knoxville, Tenn. 39716.

Sound color filmstrip (62 frames) with audiotape and script. Alerts general classroom teachers to ways of identifying and managing unsuspected hearing losses among their pupils in regular classes.

138. Perceived Purpose #6787 by Dr. Popham. Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024. Cost: $12.50.

This program deals with motivation,or, more precisely, the necessity of having learners perceive the worth of what they are studying. Four different methods of promoting a suitable "learning set" are treated, i.e., (1) to identify these four procedures for promoting perceived purpose and (2) to develop instructional activities incorporating each procedure. An effective "surprise" ending which concludes the program dramatizes the importance of this principle. Filmstrip, tape, manual.

139. Perceptual Testing and Training Guide for Kindergarten Teachers: Winter Haven Lions Research Foundation, P. O. Box 111, Winter Haven, Fla. 33880. Cost: $5.00.

Manual (6467.

140. Performance Based Curriculum in Human Relations: Allen E. Ivey, Professor of Education, University of Massachusetts, Amherst, Mass.

Nearing completion is a book of ten human relations skill modules developed in modular form. Skills of relaxation, non-verbal communication, attending behavior, racial relations, and others have been developed in packaged form with specific behaviors defined and exercises suggested for generalizing the behavior.

141. Performance Objectives Package: (Revised, 1971). Timiraos, Carmen R. Southwestern Cooperative Educational Laboratory., 1404 San Mateo Blvd. S. E., Albuquerque, N. M. 87105. 3¼ hours long. Cost: $234.00.

Contains six lessons in a slide-tape and workbook format. Designed to train teachers and aides to apply behavioral objectives to their teaching. The package may require minimal instruction from a SWCEL specialist in use of the materials.

142. Personalized Education for Teachers: An Introduction for Teacher Educators: Research and Development Center for Teacher Ed. University of Texas at Austin, Education Annex 3.207, Austin, Texas 78712. Cost: $1.75.

This manual gives teacher educators an overview of personalization concepts to enable them to begin development of personalized teacher education programs and courses.

143. Photography: Close-Ups and Copying with 35mm Cameras: by John W. Norviel. 4 strips, ea. $7.25; 4, 12" records, ea $5.00--boxed, $48.00.

These filmstrips explain in detail the methods and equipment used for close-ups and for copying both flat matter and slides. They illustrate step by step how to handle illumination, focus, and exposure, and emphasize how to handle some of the problems that can be encountered such as parallax, maintaining color quality, etc. A background in photography is not required to understand the series.

144. PIC Short Cut Interaction Analysis by D. Crispin and S. Mayhugh: Association for productive Teaching, 5408 Chicago Ave. S. Minneapolis, Minn. 55417. Manual and 10 forms $2.00.

Profile of Interaction in the Classroom--method for summarizing Interaction Analysis data. Prepares supervisor for a supervisor-teacher conference after the observation.

145. The Portable Tape Player: Prospectus Series, Paper No. 1. USOE/MSU Regional Instructional Materials Center, 213 Erickson, College of Education, Michigan State University, East Lansing, Michigan.

Use and operation of the portable tape recorder.

146. Positive Reinforcement Package: James Winter, CEMREL, 10646 St. Charles Rock Rd., St. Ann, Missouri 63074.

Teaches the use of reward techniques and how to determine which type of reward individually suits each child. 10 units, including filmstrip and recording, user's manual with materials will be available on extended pilot basis in mid 1972.

147. Precision Teaching Conference: Instructional Materials Center for Special Education, University of Southern California, 1031 S. Broadway, Los Angeles, CA 90015.

IMCSE sponsored conference on Precision Teaching, a technique for carefully pinpointing, plotting and changing behavior. The conference training model used places major emphasis on task-oriented small group interaction. Maximum individual participation was sought by keeping the tasks, and using group cycling scheduling. 72 teachers and administrators attended over three weekend sessions during March, April and May of 1971. Three outside experts in Precision Teaching were used as content presenters. Package at present includes background content articles and task sheets. Prototype stage.

148. Process Education for Teachers: by Eastern Regional Institute for Education. Cost: $37.50. James, Winter, CEMREL, 10646 St. Charles Rock Rd. St. Ann,Mo.630

(PET) places teachers and teacher educators in roles of students to give them a better understanding of learning. Teachers are involved in defining goals; recognizing peer influence in the learning process; developing a skill to link the cognitive, affective and behavioral aspects of participants experience; and problem-solving inquiry approach. 13 modules, users guide, 132 pages of handouts, and research paper.

149. Professional Decision-Making for Teachers: Drs. Bert Alfrey, Ron G. Joekel, Alan Seagren, University of Nebraska; Cost: $2.95 for manual Consult N.E.T.C.H.E. for videotape. Manual and 1" videotape.

Manual: Professional Decision-Making for Teachers, Johnsen Publishing Company, 1135 "R" Street, Lincoln, Nebraska 58508.

Videotape: Nebraska Educational Television, Council for Higher Education, Inc., 1600 "R" Street, Lincoln, Nebraska 68508.

This series presents twenty short (1-2 minute) critical incidents requiring a problem solution.

150. Programmed Instruction: Educational Media Laboratories, 4101 S. Congress, Austin, Texas 78745. Cost: $65.00.

Designed to familiarize educators with proper procedures for evaluation and selection of good programs. Includes projectuals, filmstrips, tape, and guides.

151. Puzzles and Mazes Teach--In-Service Training Kit. Available for loan. USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Michigan 48823.

Series of intriguing puzzles and diagram-mazes that improve understanding of one's own pre-dispositions and habits in the face of new problems.

152. Relating to Learner's Approaches to Learning: Available free. USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Michigan.

Set of printed materials for in-service and pre-service training of teachers in understanding the relation between the learner's approach and the design of the instructional experience.

153. Research Utilizing Problem Solving-Classroom Version: Copy Print Centers 1206 W. Jefferson St., Portland, Oregon 97204. Tapes From: Rex Recording Studios, 931 S. W. King Street, Portland, Oregon 97205. Cost: $14.50.

Materials and step-by-step procedures for conducting 30 hours of instruction to increase teachers' skills for systematically carrying out a five-step method of problem solving: (1) identify the problem, (2) diagnose the problem situation, (3) consider alternative actions, (4) try out a plan of action and (5) adapt the plan. Includes leader's guide, participant manual and audiotapes.

154. School Administrator Computer Training Package: Northwest Regional Educational Laboratory, 500 Lindsay Building, 710 S. W. Second Avenue, Portland, Oregon.

The training package includes 19 instructional units.

Course I--Introduction includes an Orientation, Introduction to Computers and Computers in Education.

Course II--Applications includes units in Pupil Accounting, Personnel Accounting, Fin ance Operations, Facilities Applications and Curriculum Applications.

155. Schools Without Failure: by Wm. Glasser: 24 TV films, guidebook. Educator Training Center, 2140 W. Olympic Blvd., Los Angeles, CA. 90006

Schools without failure and practical applications for classrooms.

156. SED'70 Conference: Instructionsl Materials Center for Special Education, University of Southern California, 1031 S. Broadway, Los Angeles, CA 90015. (Out of Stock).

An intensive pair of three day institutes in program development for seriously emotionally disturbed children, sponsored by the California State Department of Special Education in conjunction with the Regional IMCSE at USC's School of Education. Content focused on seven major stages of systems analysis applied to program planning for seriously emotionally disturbed children. Packet contains: Conference program and objectives, small group task sheets, the book "Instructional Systems: by Bela Banathy, and a bibliography. Content was presented via slides and overheads.

157. Selecting Appropriate Educational Objectives: by Dr. J. Popham Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024. Cost: $12.50. Filmstrip, tape, manual.

Demonstrates that mere specificity of instructional goals does not insure worthwhile goals, the program develops the viewer's skills in using modified versions of the Taxonomies of Educational Objectives.

158. The Sensitivity Training Program: Bruce Joyce, David E. Hunt, Harry Schroeder. Bruce, Joyce, Teachers College, Columbia University, 525 West 120th Street, New York, N.Y. 10027.

This program attempts to test and train, using the microteaching technique, the sensitivity of the teacher to the mental framework and experiential background of the learner.

159. Sequencing Game: Available free. USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Michigan.

Set of printed materials designed as an in-service and pre-service training material. The game focuses on small group interaction to develop a simple instructional game. Provides practice in task analysis and specification of objectives.

160. Sequencing Visual Perception: Instructional Materials Center for Special Education, University of Southern California, 1031 S. Broadway, Los Angeles, CA 90015. Cost: $10.00

Media kit includes 80 frame filmstrip, audiotape, script and manual. Presents a sequence of visual perception tasks for Teachers.

161. Serious Games: by Clark C. Abt. Abt Associates, Inc., 55 Wheeler Street, Cambridge, Mass. 02138. Cost $5.95.

Art and Science of games with examples by leading exponents. Book.

162. Simulation as an Educational Tool: by Dr. Dorothy Dodge. Association for Productive Teaching, 5408 Chicago Avenue South, Minneapolis, Minn. 55417. Price: Reel $42.50, Cassette:$38.50.

6 audio tapes, Leader's Guide, 2 simulation models, "Crisis" and "Sitte". Introduction to simulation as research and educational tool with directions for classroom use.

163. Simulations Teach--In-Service Training Kit: Special Education Instructional Materials Center, University of Wisconsin, 415 West Gilman Street, Madison, Wisc. 53706. Available for loan.

Team-work game leading to the design of a simulated exercise in the skills of task-sequence planning.

164. Skill Development in Teaching: Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn. 55417. Cost: $200.00.

Package includes videotape demos, guide, audiotapes, workbooks and transparencies.

165. Skills Training (PETC 1): Northwest Regional Educational Laboratory, 500 Lindsay Building, 710 S. W. Second Avenue, Portland, Oregon.

Twenty sequential units to provide competencies in diagnosing eductor needs in process skills, designing skill training exercises, conducting exercises and assessing results, available 1972.

166. Social Studies Modules, Making a Living: Miss Clyde I. Martin, Research and Development Center for Teacher Education, University of Texas, Austin, Texas. Cost: Consult Source. Manuals, videotapes.

Seven modules organized around a topic area from social studies and draws upon the major concepts and generalizations from a related discipline.

167. Sociographic Analysis:by Dr. R. Clark: Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn. 55417 Cost: Reel $9.50, Cassette $8.50.

Audiotape and workbook. Step by step explanation of the techniques and benefits of making a sociographic analysis of a class.

168. Staff Development Compendium: Southwest Regional Laboratory, 11300 La Cienega Blvd., Inglewood, CA 90304. Cost: Each sequence $1.95, each volume $8.95.

14 Instructional Sequences in educational product research and design 2 volumes, or separately:

1) Instructional Product Development
2) Instructional Product Research

169. Staff Training Prototype Series: Staff training on a State-wide basis. Northcott, W. Vol. II, No. 1. Austin, Tex.: University of Texas, 35pp.

Script for slide presentation explaining formulation of and training for UNISTAPS (University of Minnesota, State Department of Education and Minneapolis Public Schools)--a program primarily for hearing-impaired children. Program emphasizes language development and auditory training development and auditory training. Monograph includes staff training conference evaluation forms.

170. Staff Training Prototype Series, Vol. II, No. 2, Austin, Texas: University of Texas, 15pp.

Discusses "boot-strap" steps taken in obtaining and training para-professionals, teachers, and supportive personnel for a rural community.

171. Staff Training Prototype Series, Vol. II, No. 3:Staff Training in a University setting (with emphasis on behavior modification). Hayden, A. H. University of Texas, Austin, Texas, 1971.

Monograph describing a multi-disciplinary research and training center at the University of Washington. Includes scripts for the following:

Packet 1--Slide-tape Set and Script: Model Preschool Staff Training.
Packet 2- Film and Film Script: Building Social Skills in a Preschool Child.
Packet 3--Transparencies and Scripts; A staff training model in a University setting.

172. Staff Training Prototype Series, Vol. II, No. 4. Staff training in a clinical setting. Bangs, T. E. University of Texas, Austin, Texas. 33pp.

A mediated program using a slide presentation format.

173. A Staff Training Prototype Series; Vol. II, No. 5. Staff training in a university setting (emphasis on parent training). Karnes, M. University of Texas, Austin, Texas. 31 pp.

174. Staff Training Prototype Series, Vol. II, No. 6: Staff training model in an agency setting. Rafael, B. University of Texas, Austin, Texas. 19 pp.

Describes 3 parts to training program for early education demonstration center:
1) teacher training by specialists in several disciplines
2) parent training
3) student teacher training.

175. Staff Training Prototype Series, Vol. II, No. 7: Staff training in an inner city setting. Robert, P. University of Texas, Austin, Texas. 13pp

176. Staff Training Prototype Series, Vol. II, No. 8: Staff training in a public school setting. Taylor, D. University of Texas, Austin, Texas.

Training targets: staff, parents and families, special education students, volunteers, schools, community, policy makers. Includes several rating scales.

177. Staff Training Prototype Series, Vol II, No. 9: Staff training in an institutional setting. Bradtke, L. M., Kirkpatrick, W. J., and Rosenblatt, K. P.; University of Texas, Austin, Texas. 29 pp.

Outlines 5 week training program with a variety of activities: exploring materials, role playing, seminars, films, observation, evaluation.

178. Staff Training Prototype Series, Vol. II, No. 10: Wood, M.M. Rutland Center. 58 pp.

Rutland Center's major goal is to decrease severe emotional and behavioral disorders of children through community-based comprehensive mental health service, neighborhood follow-through, and a "psycho-educational process". This prototype documents the staff training process for the preschool project.

179. Structuring the Classroom for Success: Instructional Materials Center for Special Education, University of Southern California, 1031 S. Broadway, Los Angeles, CA 90015. Cost: Approximately $20.00.

Series of 6 filmstrips, cassettes and programmed guidebook. Teaching teachers to implement various methods of classroom management. Autoinstructional.

180. Student Teaching and Teacher Orientation: Beginning Teacher Orientation The Student Teaching Experience--Parts 1 & 2 by Elizabeth Moore and John B. Liboky. 3 filmstrips, each $7.25; 3,12" records, each $5.00--boxed, $36.00.

A beginning student teacher is watched in the various situations she encounters and in interaction with her supervising teacher and college supervisor. The orientation strip anticipates the student teacher's questions and curiosity about her future work environment by describing typical classroom settings, instructional aids, buildings, equipment, school policies, teacher duties, cumulative records, and counseling services.

181. Substitute Teacher, An Idea Exchange: General Programmed Teaching, Quaill Hill, San Rafael, CA 94903. Cost: Each $50.00--Total $135.00.

3 Units:

1) Plans and Preparation
2) Classroom Management
3) Attitudes and Alternatives

182. Systematic and Objective Analysis of Instruction: James R. Hale and R. Allan Spanjer; Northwest Regional Educational Laboratory, 710 S. W. Second Avenue, 500 Lindsay Building, Portland, Oregon 97204. Cost: Information not available. Printed trainer's manual, printed participant materials, audiotape, videotape or film of classroom teaching episodes to be furnished by user of this program.

Designed as a four-week workshop dealing with effective interpersonal communication skills and effective supervision skills.

183. Systematic Instructional Decision Making by Dr. Popham #6789: Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024: Cost: $12.50. Contains filmstrip, tape, manual.

A filmstrip tape program which can be used by teachers in deciding (1) which instructional activities to include in a teaching sequence and (2) whether the instructional sequence was effective. Differences between the "teacher-artist" and "teacher-technician" conception of instruction are examined.

184. Systems Approach to Lesson Planning Package. (1971); Timiraos, Carmen R. Southwestern Cooperative Educational Laboratory, 1404 San Mateo Blvd., S. E., Albuquerque, N. M. 87108; 4 hours long.

Contains six lessons in a slide-tape and workbook format. Designed to train teachers and aides in the techniques for converting written objectives to lesson plans utilizing the teaching system matrix. The Package may require minimal instruction from a SWCEL specialist in use of the materials.

185. Systems: Facilities; Multi-Media Set: 73800-100 Complete Set $60.00, Each participant's manual $2.00. Contains: 10-Overhead transparencies, 2-3 3/4 IPS audio tapes, 1-Instructor's manual, 15-Participant's manuals.

A comprehensive visualized study of existing and proposed facilities. The series covers requirements for full utilization of multi-media in classrooms. This series may be used in conjuntion with Systems Innovations or idependently. It is an excellent reference series for teachers, administrators and architects concerned with building design and use.

186. Systems: Innovation; Educational Media Laboratory, 4101 S. Congress, Austin, Texas 78745. Cost: $60.00.

Explores systematic and practical procedures for successful innovation and change in approaches to learning. Includes projectuals, audio-tapes and manuals.

187. System Technology in Planning Change: Northwest Regional Educational Laboratory, 500 Lindsay Building, 710 S. W. Second Avenue, Portland, Oregon.

The instructional program increases capabilities of teachers and administrators in using system analysis and system snythesis skills to plan and reach an objective. Included will be a user's guide, resource material for the leader and participant materials including exercises, agendas and assessment tools. The instructional system will be ready for general use in 1973.

188. Tapes Teach-In-Service Training Kit: USOE/MSU Instructional Materials Center, 213 Erickson Hall, Michigan State University, East Lansing, Michigan 48823. On Loan.

Series of participation exercises directed by a tape recording and related to creative use of tape medium.

189. Teacher Concerns Statement: Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex, 3.207, Austin, Texas 78712. Cost: $.75.

This manual describes how to score teachers' concerns using the Teacher Concerns Statement.

190. Teacher Aids in the Classroom: Dr. E. Baker; Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024. Cost: $12.50.

This program is designed to train both teachers and aides in their appropriate classroom functions. Instructional rather than clerical contributions are stressed. The use of older students as aides is also encouraged. A training checklist for suitable aide activity is provided. Filmstrip, tape, manual.

191. Teacher's Look at Human Sexuality; An Introduction to Sex Education: by J. Quesnell; Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn. 55417. Cost: Reel $26.50, Cassette $24.50.

Leader guide and 4 taped lessons and Attitude Quotient Survey. Teachers encouraged to examine own sexual attitudes.

192. Teacher-Made Materials for use in Special Education: Monograph Series No. 9: USOE/MSU Regional Instructional Materials Center, 213 Erickson, College of Education, Michigan State University, East Lansing, Michigan.

A monograph on how to make and use the flat picture, language master, acetate board, flannel board and overhead projector.

193. Teacher/Teacher Aide Companion Training Program: by Southwestern Cooperative Educational Laboratory, 117 Richmond Drive, N.E., Albuquerque, New Mexico 87106.

Teacher/Teacher Aide Company Training Program is designed to develop teacher/teacher aide interaction and to promote the sharing of complementary instructional roles. Emphases are placed on the difference between overlapping and complementary teacher and teacher aide roles, on teaching activities to be used in small-group instruction, and on increasing home-school communication. Cultural awareness sessions and introduction to classroom learning centers are also included.

194. Teaching Achievement Motivation: Alfred S. Alschuler, Diane Tabor, James McIntyre; Education Ventures, Inc., 209 Court Street, Middletown, Connecticut 06457. Cost: Text alone $4.95; sampler set (text and pamphlets) $7.50. Materials: Paperback manual and related pamphlets

194. (continued)

(availability of selected primary source materials from a general library collection).

The manual is divided into four parts: background in achievement motivation and Psychological Education; an achievement motivation workshop for teachers; motivation in classrooms; and achievement motivation training for students. The heart of the course is the teacher-run workshop (Chapter Two).

195. Teaching: A Basic Course in Applied Psychology; Englemann-Becker Corporation, Station A, P. O. Box 2157, Champaign, Illinois 61820. These materials will be published by SRA in Fall, 1971: Cost: Part I: Behavior Modification $5.50, Part II: Concepts and Operations $5.50, Parts I and II: Group Leader Discussion Guide, Part I $2.00 and Part II $2.00.

The Englemann-Becker Follow-Through Project bases its teaching on Behavior Modification principles. This program is designed to train teachers to apply a Behavior Modification strategy in the areas of reading, arithmetic and language. The instructional materials in these content areas (first three years) have been designed to complement the teaching strategy.

196. Teaching for Problem-Solving: A Teaching Laboratory Manual (Preliminary Education): Thomas B. Gregory: Research and Development Center for Teacher Education, University of Texas, Austin, Texas. Special Ordering Instructions: Report Series No. 32: Costs: Consult Source. Materials include: Laboratory Manual (Activities call for audio or video equipment and setting for micro-teaching experience.)

The manual introduces the teacher-candidate with a teaching strategy for teaching problem-solving. The strategy has four steps: Presenting the Problem, Formulating the Hypothesis, Verifying the Hypothesis and Applying the Generalization.

197. Teaching in IPI (Individually Prescribed Instruction) Mathematics: Research for Better Schools, 1700 Market Street, Philadelphia, Penn. Cost: Six volume set (includes records) $10.00. Materials: 6 workbooks, record set of three 33-1/3 RPM records.

Designed to train in general diagnosing, planning and guiding skills in individualized instruction.

198. Teaching of Reading: Dr. E. Baker; Vimcet Associates, P. O. Box 24714, Los Angeles, CA 90024. Cost: $12.50: Filmstrip, tape, manual.

This program describes an empirical model applied to the improvement of reading instruction. The viewer learns to describe the model and to identify examples of reading objectives and activities which illustrate the use of this approach. Practice is provided in writing test items which measure reading skills.

199. The Teaching of Science: A Self-Directed Learning Program; (Instructional Design for Science Teaching): David P. Butts, Gene E. Hall: Research and Development Center for Teacher Education University of Texas, Austin, Texas. Cost: Consult Source. Materials: Instructor's Guide; seven Planning Guides (student manuals); Science Unit Resource Manuals, Science Unit Equipment Kits; audio- or video-tape facilities. Special Ordering Instructions: A separate module, Electrical Circuits and Personalized Video-tape Feedback, coordinates and completes the activities specified in this program.

Designed to train teachers in science competencies and instructional design skills.

200. Teaching Responsively for Individualized Meaning (TRIM): Northwest Regional Educational Laboratory, 500 Lindsay Building, 710 S. W. Second Avenue, Portland, Oregon.

The integrated instructional system will prepare teachers to use sequences of specific sets of behaviors which fulfill eight basic classroom leadership functions. The instructional system will be ready for general use in 1973.

201. Teaching Skills for Elementary and Secondary School Teachers: Dwight Allen, Kevin A. Ryan, Robert N. Bush, James M. Cooper: General Learning Corporation, 3 East 54th Street, New York, N. Y. 10022. Cost: 34 films and 91 manuals (both programs) $2,995.00; 19 films and 51 manuals (one program)$1,895.00; Individual films, $110.00; "Introduction to Microteaching" (film) $250.00; Response Repertoire films, $90.00 each; Manuals $1.50 each. Materials consist of films, instructional manuals.

Presents microteaching exercises dealing with 1) presentation, questioning, increasing student participation, response repertoire, creating student involvement.

202. Team Teaching in the Elementary School: IDEA, Information and Services Division, P. O. Box 446, Melbourne, Florida 32901

This is a training film focusing on a teaching team during an actual school day. A study guide accompanies the training film.

203. Team Teaching Modules: L. Jean York: Research and Development Center for Teacher Education, University of Texas, Austin, Texas: The Leslie Press, 111 Leslie Street, Dallas, Texas 75207. Cost: $19.60, set of seven volumes (excludes non-written materials): Materials consist of written materials, films, filmstrips, video-tape. Special Ordering Instructions: Ordering instructions and costs for films and other multi-media materials are listed at the beginning of each module.

Seven modules aimed at 1) understanding of team teaching; 2) knowledge of organizational, diagnostic and evaluative techniques for grouping and individual instruction.

204. Teaching the Democratic Process at the Secondary Level: Scott Educational Division, Holyoke, Mass. 01040. Each filmstrip $7.00, each record $5.00, JH2540FR, set of filmstrips and 4 records $45.00. A series of sound filmstrips to strengthen teaching ability. They show teachers a variety of ways to draw more effectively on their own tangible and personal resources, and on that of their students. Fine for training courses and in-service sessions. 1) Tangible Resources, 2) Teacher's Personal Resources, 3) Pupil's Personal Resources, 4) A Method of Teaching

205. Teaching Laboratory Manual, Curriculum and Teaching Association, Box 9812, Austin, Texas 78757. This is an adaptation of micro-teaching, and the current manual includes six components, or teaching tasks. For each task the teacher must generate his own response (teach a lesson) for a specified situation. He then receives individualized feedback from his peers and instructors and from seeing and/or hearing himself teach on video or audio tape. All six tasks have a narrative description of the task and an evaluation guide.

206. Teaching Units and Lesson Plans, Dr. J. Popham. Vimcet Associates, P.O. Box 24714, Los Angeles, California 90024. This program describes recommended elements for the two most popular forms of instructional plans, that is, the teaching unit and the lesson plan. The viewer is given practice in identifying procedures which are appropriate for lesson plans, teaching units, both, or neither. Filmstrip, tape, manual.

207. Teaching with Visual Materials Series: Set of 6 filmstrips $45.00; each filmstrip $8.50. Six color filmstrips designed to promote teacher interest in visual teaching and to provide practical suggestions for the effective use of the bulletin board, flannel board, poster, and chalkboard as visual teaching devices. (Average length about 38 frames).

Exciting Bulletin Boards Part 1	The Flannel Board
	Posters for Teaching
Exciting Bulletin Boards, Part 11	The Chalkboard, Part 1
	The Chalkboard, Part 11

208. Tearsheet Trauma (Why Drymount) On Loan: Southern Regional Media Center for the Deaf, College of Education, University of Tennessee, Knoxville, Tenn. 39716. 15 minute video tape ($\frac{1}{2}$") reasons for drymounting flat pictures and quick overview of procedure. Part of drymounting kit cooperatively produced by RMC's for preservice or inservice.

209. Televison for the Hearing Handicapped Learner (kit) Prototype stage: Southern Regional Media Center for the Deaf, College of Education, University of Tennessee, Knoxville, Tenn. 39716. 1) Innovative uses of TV in classroom, 2) 3 Video tapes on V and R operation, a) $\frac{1}{2}$" sorry b) $\frac{1}{2}$ concord c) Sony or Panasonic Portapak. 3) 3 seqrels videotapes on filmstrips/audiotapes.

210. Training Competency-Based Instructional Personnel, Dr. George Dickson Dean, College of Education, University of Toledo, Toledo, Ohio 43606. This package consists of a video-tape and training guide giving information about developing staff to handle knowledge-level competencies. The package costs $15.00 plus a blank video-tape.

211. Training to Teach the Autistic Child, Cemrel, Inc., 10646 St. Charles Rock Road, St. Ann, Missouri, 63074. Fifteen written and audiovisual training units providing instruction of effective reinforcement, management and instructional techniques for care and teaching of severely disturbed children.

212. Transparency Workshop Kit "A", Scott Educational Division, Holyoke, Mass., 01040. A complete starter set for introducing a class to the principal materials and techniques for making diazo transparencies. One set should be ordered for each workshop participant. 73040 complete set $14.95.

213. Understanding Groups, Edmund J. Amidon, Ph.D., Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn. 55417 (13 tapes) Outlines how a systematic study of group structure, member roles, goals, norms, cohesiveness, climate issues, feedback can help meet need for understanding the groups we're part of. Reel $125.00 Cassett $119.50

214. Understanding and Improving Faculty Meetings, Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn. 55417. Booklet $1.95, reel $8.50, cassette $7.50. Booklet and tape. Reports differences of perception between administrators and teachers concerning essentials of faculty behavior.

215. Using Audio-Visual Materials Series, Photo and Sound Company, 5121 Sunset Blvd., Hollywood, California 90028. 09105, set of 5 filmstrips $29.50; each filmstrip $6.50. A series of color filmstrips that provide a thorough introduction to the operation and care of motion picture and filmstrip projectors. The effective use of filmstrips in teaching is covered in detail. A comprehensive teacher's manual accompanies the series. Dr. Irene Cypher, New York University. The 16mm, Motion Picture Projector, Part 1, The 16mm, Motion Picture Projector, Part 2, The 16mm Motion Picture Projector, Part 3, The filmstrip Projector, Filmstrips and the Teacher.

216. Using Process to Meet Educational Needs, Northwest Regional Educational Lab., 500 Lindsay Building, 710 S.W. Second Avenue, Portland, Oregon. Five-day workshop to provide competencies in the learner self-evolution model, decision making, testing effects of decisions and practical applications of problem solving. Available in 1978.

217. Using teaching Performance Tests for Instructional Improvement and skill Assessment, Dr. J. Popham, Vimcet Associates, P.O. Box 24714, Los Angeles, California 90024. Filmstrip, tape, manual $12.50. This program provides specific suggestions for using teaching performance tests either for instructional improvement, that is, to help the teacher become better at his task, or skill assessment, that is, to evaluate the quality of a teacher's instructional activities.

218. Using Tests Intelligently, Quentin Stodola, Mr. Donel Price, Director Broadcast Service Center, California State College, Los Angeles, 5151 State College Drive, Los Angeles, California 90032. The textbook which is to be used in connection with these materials is Basic Education Tests and Measurement, by Quentin Stodola and Kalmer Stordahl. It is published by Science Research Associates, 259 East Erie Street, Chicago Illinois, 60611. $2,300 for rental of 40 half-hour videotaped lessons, complete with a series of six objective tests (plus postage and insurance) $4.75 for cloth-bound copy of textbook. 2-inch broadcast quality videotape or 1-inch Sony videotape; mimeographed tests; textbook. A videotaped course on educational tests and measurement available for scheduling to broadcast as an extension course or over closed-circuit television.

219. Variable Scheduling, Mr. J. Trachina, Association for Productive Teaching, 5408 Chicago Avenue S., Minneapolis, Minn., 55417. 3 tape series, procedure of going to variable scheduling. Reel $25.00, cassette $23.00.

220. Video Presentation, prototype, not ready for distribution. Regional Special Education Instructional Materials Center, State University at Buffalo, 1300 Elmwood Avenue, Buffalo, New York, 14222. Brief introduction to computer-based resource unit as planning strategy for individualizing classroom plus 3 examples. (30 minutes, one videotape, prototype).

221. VIM Kit, Chart-Pak, Inc., 1 River Road, Leeds, Mass., 01053, $49.95. A visual instructional materials kit containing a guide and materials to modify or produce transparencies.

222. Visual Communications, Overhead Transparency Set, Scott Educational Division, Holycke, Mass. 01040. Visu-Book Set - 74002-001 $37.00 Mounted Set - 74002-003, $52.00. This is a prelude to any discussion dealing with communications. It is a series developed to cover some of the problems affecting communications today. It reviews technological growth, the information explosion, hearing; seeing and word limitations. It graphically demonstrates the importance of visuals and shows how they may be more effectively employed to aid in the improvement of communications.

223. Volunteers, Washington, D.C.; U.S. Department of Health, Education, and Welfare, 40 pp. IMCSE 9269 Guidelines for developing a program.

224. Why's and How of Student Film Making, Urban Media Materials, Inc., 6806 Fresh Meadow Lane, Fresh Meadows, N.Y. 11365. No. 203: 2 Sound color filmstrips with teachers' textbook $28.50. A teacher training program designed to help new and beginning teachers understand the role of film making in education and the importance of visual literacy as a communications skill. This program explains the philosophy behind these concepts, gives specific examples of how film making can be used at all grade levels, and provides some simple "how to do it" suggestions. The teachers' guide for this program consists of the 326-page book listed below, Proceedings-First National Conference on Visual Literacy.

225. World Apart, Anti-Defamation League of B'Nai B'rith, 315 Lexington Avenue, New York, New York, 10016. (16 minute black and white film). Contrasting scenes filmed in a traditional classroom graphically illustrate how middle-class teaching methods can doom the disadvantaged child to failure while the Institute's methods enrich his experiences, preparing him for further learning. $50.00-rental price-$5.00

226. Writing Tests which Measure Objectives, Dr. E. Baker, Vimcet Associates P.O. Box 24714, Los Angeles, California 90024. Because standardized measures are often not appropriate for objective-based instruction, the use of the "term form" approach to writing testing situations is described. Practice is given in transforming objectives into this format and producing items which match objectives.

227. A Special Study Institute (3 days, 15 sessions) sponsored by the State Department of Education, Division of Special Education and conducted by the USC Instructional Materials Center for Special Education, held for Elementary Teachers and Principals responsible for classes of EMR. The institute was designed to improve the skills, knowledge and techniques of the teacher, thereby improving the educational offerings to MR minors at the Elementary level. The training model used emphasized task-oriented small group interaction alternated with short large group presentations. Package includes institute schedule, hourly small group task sheets, summaries of large group presentations, bibliographies, and outlines for several Media Production Workshops. Available-loan.

228. The Teacher (8853) Discussion Starter Tape $9.00; National Education Association, Washington, D.C. 71¹.

229. Models of Teaching; Bruce Joyce and Marsha Weil; Prentice-Hall, Inc. Book examines adverse range of alternative patterns upon which teachers may model their behavior.

SECTION II, ARTICLES #300 - 399

300. Aacte Project to Disseminate Knowledge and Understanding of The Comprehensive Elementary Teacher Education Models Developed with the Support of the National Center for Educational Research and Development, United States Office of Education. Final Report. Haefele, Donald L. American Association of Colleges for Teacher Education, Washington, D.C.

The American Association of Colleges for Teacher Education (Aacte) developed a Dissemination Project to inform teacher educators of the Ten Comprehensive teacher education models.

301. Competency Based Performance; McDonell, Stirling. "Accountability of Teacher Performance through Merit Salaries and other devices". Speech given at the Western Canada Educational Administrators' conference, October 1971, Saskatchewan. 11p. Order from EDRS. ED 055 989. EDRS Price: MF-$0.65; HC-$3.29.

302. Competency Based Certification; Schalock, H. Del. Alternative Strategies for Foci for Teacher Education. 1970. 16p. Order from EDRS Ed 055 973. EDRS Price: MF-$0.65; HC-$3.29.

303. Analyzing Teacher Behavior Flanders, Ned. A.; Addison-Wesley Pub., Menlo Park, California 1970.

304. Annual National Vocational-Technical Teacher Education Seminar Proceedings: Micro-Teaching and Video Recording (3rd, Miami Beach) Fla., Oct. 20-23, 1969. Final Report. Leadership Series No. 25. Cotrell, Calvin J., Ed.: Bice, Gary R., Ed. Ohio State University, Columbus. Center for Vocational and Technical Education. The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.50). EDRS Price MF-$0.75 HC-$7.25. Covers the General sessions and the sub-seminar on micro-teaching and video recording, including the six studies reported. It involved the use of micro teaching and Audio and videotaping for feedback purposes in preservice and inservice teacher education as well as in a workshop for teacher educators.

305. Annual Progress Report; January 1, 1970 through December 31, 1970. Hansen, Duncan N.; and others. Florida State Univ., Tallahassee. Computer-Assisted Instruction Center. Price MF-$0.65 HC-$3.29 Research and development activities of the computer-assisted instruction (CAI) Center at Florida State University during 1970 four areas: Learner Strategies, training strategies, validation strategies, and computer strategies.

306. An Application of Simulation Techniques to an Innovative Teacher Training Program. King, Arthur Dean; Florida State Univ., Tallahassee. Computer-assisted instruction center. National Technical Information Service, Springfield, Virginia 22151 (AD-716 952, MF-$0.95, HC $3.00).

The purposes of this investigation were to analyze a teaching training program in order to construct models that represent the instructional process and to develop procedures for implementing the models on a computer system.

307. Application of Pupil Assessment Information: for the Special Education Teacher. Gearheart, Bill and Willenberg, Ernest P. $2.95 (8863)

308. Authoring Individualized Learning Modules: A Teacher Training Manual. Walter, Kenneth A.; Montgomery County Public Schools, Rockville, MD. Price: MF-$0.65 HC-$9.87.

Experienced teachers may learn from this manual how to author individualized learning packages. Based on the sequential steps for producing learning materials, a variety of activities for diagnostic, instructional, and evaluative purposes are included in it. A selected bibliography is appended.

309. Certification of Educational Personnel. Smith, B. Othanel; Competency based education. (1971) 22p. Order from EDRS. ED 055 975. EDRS Price: MF-$0.65; HC-$3.29.

310. Changing Student Behavior: A New Approach to Discipline. WM. Brown Co., Dubuque, Iowa, 1971

311. Classroom Evaluation for Teachers; Dizney, Henry; Wm. Brown Company, Dubuque, Iowa 1971 ($1.95)

312. Comprehensive Proposals for Teacher Education: A concise Guide derived from Donald R. Cruickshank's study of proposals for second-phase Comprehensive Elementary Teacher Education Models Project. Burdin, Joel L., Ed.; and others. Eric Clearinghouse on teacher education, Washington, D.C.

The proposals from 27 of the 34 applicants for phase 2 of the comprehensive elementary teacher education models (CETEM) program were reviewed.

313. Concentrated Placement of Student Teachers. Augenstein, Mildred B., and Melvin H. Tennis, Jr. Gainesville: Florida Educational Research and Development Council, 1971. 37p. Publisher's Price: $1.00 Order from EDRS. ED 055 999. EDRS Price: MF-$0.65; HC- $3.29

314. Critique of the Model Teacher Elementary Education Programs. 1971. 18p. Order from EDRS. ED 055 976. EDRS Price: MF-$0.65; HC $3.29

315. Curriculum Development Program for Preschool Teacher Aides. Final Report. Naylor, Naomi L.; Southern Illinois University, Edwardsville. Center for the Study of Crime, Delinquency, and Correction. EDRS Price MF-$0.50 HC-$4.88.

Pilot Program, the purposes of which were (1) to develop a training model for non-professional preschool aides, (2) to determine the value of selection criteria in trainee success, (3) to evaluate the trainees' understanding, (4) to develop materials suitable for non-professionals.

316. The Development and Implementation of a Model for the design of Individualized instruction at the university level. Lipe, James Gary, Florida State University, Tallahassee. Computer-assisted instruction center. National Technical Information Service, Springfield, Virginia 22151 MF-$0.95, HC-$3.00

An interactive model for the design of individualized instruction was developed and implemented, with activities explicitly prescribed for the instructor and the educational technologist.

317. Developing Attitudes Toward Learning; by Robert Mager. Fearon Publisher, Belmont, Ca., 1968. $2.00

318. Diffusion of Innovation; (8578) Free Press, Riverside, New Jersey 62'

319. The 15 Minute Hour; An Early, Brief Teaching Experience - $.75; Research and Development Center for Teacher Education; University of Texas at Austin, Education Annex 3.207, Austin, Texas 78712. This booklet describes how beginning teacher candidates can have their concerns about teaching aroused by an early, brief teaching experience.

320. An Economic Analysis of the Wisconsin Elementary Teacher Education Project; A summary statement. Devault, M. Vere; Kean, John M. Journal of Research and Development in Education;

321. Ciampa, Bartholomew J. VTR...Education's Benevolent Humility Device 8p. Order from EDRS. ED 055 970. EDRS Price: MF-$0.65; HC-$3.29. A description of a method of using microteaching prior to student teaching.

322. Elementary School Science Methods; one view and one approach; Raun, Chester E.; McGlathery, Glenn E.; Science Education. Behavioral Objectives/Course Descriptions/ Curriculum Design/ Effective Teaching/ Elementary School Science/ Evaluation/ Methods Courses/ Science Education/ Teacher Education/ Teaching Models

323. Elementary Teacher Education Models Analyzed in Relation to National Accreditation Standards. Lebaron, Walt; American Association of Colleges for Teacher Education, Washington, D.C. MF-$0.25 HC-$1.05. This Report is a cross-evaluation of two significant efforts to improve teacher education in the United States, the USOE Models Project and the NCATE Accreditation Standards.

324. Exploring the Effectiveness of a Curriculum Workshop; Monts, Elizabeth; Lauscher, Florence; J. Home Econ.

Curriculum Development/ Home Economics Education/ Inservice Teacher Education/ Program Evaluation/ Self Evaluation/ Teacher Workshops/ Teaching Models.

325. Innovation Teams; Operating Principles Making it with Innovation Teams Let's get it Together. Education Development Center, 55 Chapel St. Newton, Mass. 02160. (free)

3 books on the Developmental Center's pilot program, which was designed to help teachers develop open classrooms. Covers historical report, exercises in sensitivity training for inservice workshop and outline of the model.

326. Inquiry-Oriented Teaching Models for use in College Methods classes Montean, John J.; American Biology Teacher;

Biology/ Inquiry Training/ Inservice Teacher Education/ Instruction/ Methods Courses/ Methods Teachers/ Secondary School Teachers/ Teacher Education/ Teacher Educators/ Teaching Models.

327. In-Service Training thru short term conferences--Robert McIntyre - 4F Position Paper focusing on the procedures of training activities which have been used most extensively by the USC-IMCSE. The training process is small group focused, task-oriented, time loaded, and includes immediate feedback to the participant as to the progress. It features short large group presentation as opposed to the traditional lecture format. Alternated with preplanned small group task activities and discussions.

328. Institute for Training Adult Basic Education Teachers (formerly training Fellowship for Adult Basic Education Teachers). University of Southern California, Los Angeles. School of Education. Price: 1 MF-$0.65 HC-$6.58

This report describes how a one-year program prepared 30 people to be professional teachers of adult basic education, with emphasis on teaching English as a second language.

329. Interim Progress Report of a Remote Teacher Training Institute for Early Childhood Educators (Funded by NDEA Title XI). Brudenell Gerald A.; Meier, John H. Colorado State College, Greeley. Instruction for Child Study. 18p. EDRS Price: MF-$0.25 HC-$0.80.

An effort to train teachers too geographically separated to meet regularly for course work.

330. Introducing Innovation in Instruction. Melching, Wm. H., Humrro, Ft. Bliss, Texas, 1970

In-service teacher workshops in classroom management.

331. Microteaching: Selected Papers. Cooper, James M., and others. Washington, D.C. 1971. 63p. $1.50 Publications-Sales Section NEA, 1201 16th Street, N.W., Washington, D.C.; order number 868-24464.

332. Microteaching; Allen, Dwight; Ryan, Kevin; Addison-Wesley Publishing Company, Inc., Reading, Massachusetts 01867 ($4.95). Document not available from EDRS.

This book on a rather widely known but less widely applied technique for teacher education is intended both to inform those people who are unfamiliar with microteaching and to caution those who see it as a final answer to teacher training.

333. The Minicourse a New Tool for the Education of Teachers. Borg, Walter R. and others. Education

A course to improve the qualifications of prospective teachers is described. Its success has encouraged educators to seek to develop other courses along similar lines. (CK)

334. The Minicourse: Rationale and uses in the Inservice Education of Teachers. Borg, Walter R. Far West Lab. For Educational Research and Development, Berkley, California. EDRS Price: MF-$0.25 HC-$1.50.

This collection of materials reports the research and development of a series of inservice training "Minicourses."

335. A Model for Preservice Education of Secondary Reading Teachers. Paper presented at the International Reading Association Conference, Anaheim, California, May 6-9, 1970 $0.25 Hc-$0.55. Weiss, M. Jerry

A description of a preservice education model for secondary reading teachers.

336. A Model for Racial Awareness Training of Teachers in integrated Schools. Goldin, Paul C. Integrated Educ.,

Group Experience/ Grouping Procedures/ Human Relations Programs/ Leadership Training/ Race Relations/ School Integration/ Teacher Education/ Teaching Models. Group Experiences, graded as to threatening content, are briefly described. (AF)

337. Models for Revising Teacher Education. Wright, J. Zeb., Ed. West Virginia State Department of Education, Charleston. 25305 Price: MF-$0.65 HC-$3.29

Each of five papers describe a model for teacher education. (1) Levels of involvement: A descriptive theory model.

338. The New Models in Elementary Teacher Education; Monson, Jay A. Phi Delta Kappan

Curriculum Development/ Curriculum Improvement/ Educational Change/ Elementary School Teachers/ Teacher Education/ Teacher Education Curriculum/ Teaching Models.

339. A New Style of Certification. Albany: State University of New York, Division of Teacher Education and Certification (n.d.). 13p. Andrews, Theodore E. Order from EDRS. ED 055 971. EDRS Price: MF-$0.65; HC-$3.29.

Competency based education

340. Objectives for Teacher Education by Dr. J. Masla; Center for Study of Teaching, 117 Bacon Hall, 1300 Elmwood Avenue, Buffalo, New York 14222. A booklet of performance and knowledge objectives developed and implemented at State University College at Buffalo.

341. Organization for Economic Cooperation and Development. Training, Recruitment and Utilization of Teachers in Primary and Secondary Education. Country Case Studies: France, Ireland. Paris, France the organization, 1969. 491p. Publisher's Price: $5.00; available from OECD Publications Center, Suite 1305, 1750 Pennsylvania Avenue, N.W., Washington, D.C. 20006. Order from EDRS. ED 055 994. EDRS Price: MF-$0.65; HC-$16.45.

342. Performance-Based Teacher Education; What's It All About? Washington D.C.: American Association of Colleges for Teacher Education, 1971 9p. Order From EDRS. ED 055 972. EDRS Price: MF-$0.65; HC-$3.29 Massanari, Karl.

343. Performance Evaluation in Relation to Teacher Education and Teacher Certification. Howell, John J. 1971. 28p. Order from EDRS ED 055 974. EDRS Price: MF-$0.65; HC-$3.29.

Competency based education

344. Practice Teaching--Models and Modules. Machey, William F. Laval Univ. EDRS Price: MF-$0.25; HC-$0.60

To discuss the problems involved in the observation, practice, and criticism phases of practice teaching in the language teacher training program.

345. Precision-Teaching: Ogden R. Lindsley; A Tool for the School Counselor and Teacher.

A paper describing that precision-teaching develops a language and an observation system for recording children's behavior. It is especially designed to develop and chart behavior modification programs.

346. Preparation of Personnel for Exceptional Children; New Directions and Opportunities. CEC Conference 6/13-6/14-68', Office of Education HEW, Washington, D.C.

Proceedings of a conference on the Education professions development act and arts applicability to special education.

347. Preschool Education-4F; University of Wisconsin IMC; (1800)
A suggested outline for inservice program for special education teachers and other concerned personnel.

348. Proceedings of Special Study Institute for the Utilization of Educational Television for Teaching of the Handicapped - 4L; New York Center.

These proceedings represent a summary of a teacher training institute concerned with the feasibility of utilizing television for instructional purposes. The summary considers the need for tapping various available media, teacher orientation, various by-products of student production, technical considerations, dial access, and the future of television.

349. Programmed Instruction - 1; Wisconsin IMC

A suggested outline for inservice program for special education teachers and other concerned personnel.

350. The Range of Teaching Skills that can be changed by the Minicourse Model. Langer, Philip; Far West Lab. For Educational Research and Development, Berkeley, California. EDRS Price: MF-$0.25 HC-$1.60

A paper presented as part of the Symposium, Microteaching in teacher education--new direction. At the annual meeting of the American Psychological Association, Washington, D.C.

351. Research Memorandum on Minilessons: Planning and Analyzing Multicomponent English Lessons. Paper presented to the conference on English Education, Des Moines, Iowa, April 1970. Price MF-$0.25 HC-$1.35 Rodgers, Mary Columbro.

A specific scheme is provided for the teacher trainee, the experienced teacher, and the supervisor to assist in organizing and evaluating Multicomponent English Lessons.

352. Review of "Conceptual Models in Teacher Education," By John R. Verduin, Washington D.C., American Association for Colleges of Teacher Education, 1967, pp. 140. EDRS Price MF-$0.25 HC-$0.32

Educational Research/ Educational Theories/ Models/ Teacher Education/ Teaching Models/ **Book Reviews

353. Selective Observation Simulator (SOS)

Paper describes a mediated procedure for simulating classroom interaction for the training of teachers. The simulation system calls for the integration of Zaap Vinsac (documents describing these two devices are available). As a training device the SOS provides the teacher with a vehicle for selective observation while maintaining a continuous awareness of the entire class. The underlying assumption is the necessity to interact with aural-visual data as a more significant learning experience than that of a passive observation of the same situation (5 pages).

354. Stork -2. USC-IMCSE. (A written description of the program is available

The stork program (space, time, objectives, reinforcement and kindness) was planned to instruct a selected group of special education teachers in contingency management using behavioral objectives. It was designed to be one full-day session of inservice followed by eight weekly two hour sessions.

355. A Study of the Production and Use of Videotaped Materials in the Training of In-Service and Pre-Service Teachers of English. Final Report. Judy, Stephen; Illinois State-Wide Curriculum Study Center in the Preparation of Secondary English Teachers (ISCPET), Urbana. EDRS Price: MF-$0.25 HC-$0.95

This study at Northwestern University (Illinois) was concerned with the production and use of video taped materials in teacher training programs.

356. Summary Report on the Annual Conference on the Nature and Demands of Two-Year College Teaching; Bennett College, June 16-21, 1968 Apuzzo, M. Pauline; 7p. EDRS Price: MF-$0.25 HC-$0.45

(1) Recruitment, Orientation, and preparation of 2-year college teachers; (2) Evaluation of teaching; (3) New teaching methods and strategies, and (4) Faculty involvement in academic governance.

357. Supervision: An attempt to modify behavior; Koran, John J., Jr. Educ. Leadership;

Behavior Change/ Feedback/ Imitation/ Microteaching/ Teacher Behavior/ Teacher Education/ Teacher Supervision/ Teaching Models/ Video Tape Recordings.

358. Teacher Education Center; Wisconsin State University, Los Angeles Crosse; 1971 Aacte Distinguished Achievement Award Entry; MF-$0.65 HC-$3.29

Two levels of administrative models are described--a college-school center and the center for the educational professions which can house a number of college-school centers. The experimental model presented in this paper is a micro center providing an administrative structure which will respond to the concern for realistic laboratory settings and coordinated clinical experiences sessions.

359. Teacher and Community; Cuban, Larry; Harvard Educ. Rev.

Community Involvement/ Curriculum Development/ Educational Change/ School Community Relationship/ Teacher Education/ Teacher Interns/ Teacher Programs/ Teacher Role/ Teaching Models/ Urban Education/ District of Columbia School System.

360. Teacher Evaluation; McKenna, Bernard, and others. Order from EDRS. ED 055 988. EDRS Price: MF-$0.65 HC-$3.29

An annovated bibliography. Washington, D.C.: ERIC Clearinghouse on Teacher Education, 1971. 29p. Competency based education.

361. Teachers for the Disadvantaged. Series In Higher Education, by Stone, James C. Jersey-Bass Inc., Publishers, 615 Montgomery Street, San Francisco California 94111 ($7.75)

Book gives detailed reports on twenty-five projects in teacher training, specifically designed to prepare teachers for teaching disadvantaged children.

362. Teaching the Teaching Assistant; Halio, Jay L.; National Council of Teachers of English, Champaign, Illinois. 3p. EDRS Price MF-$0.25 HC-$0.25

A three-phase "Journeyman" approach, inaugurated at the University of California (Los Angeles), to the training of teaching assistants in English is described in this article.

363. Techniques for Developing an Elementary Teacher Education Model. A Short Review of Models, Systems Analysis, and Learning Systems. Le Baron, Walt; System Development Corp., Falls Church, Va. EDRS Price: MF-$0.25 HC-$2.45

A basic introduction to the planning techniques required in the development of elementary teacher education models in presented.

364. Television and Ghetto Education; The Chicago Schools Approach; Bretz Rudy; Rand Corp., Santa Monica, California; MF-$.65 HC-$3.00

A decentralized system of closed circuit television (CCTV) was established to increase the relevance of televised instruction, allow each group to provide its own curriculum, and to involve classroom teachers in program development processes.

365. Toward '76: A Revolution in Teacher Education; Allen, Dwight W.: Mackin, Robert A. Nat Bus Educ. Quart;

Business Education/ Change Agents/ Educational Innovation/ Educational Quality/ Resource Centers/ Teacher Certification/ Teacher Education/ Teacher Educators/ Teacher Role/ Teaching Models Educational Resources Information Center/ Eric/ Seven Year Study.

366. Training, Recruitment and Utilization of Teachers in Primary and Secondary Education. Country Case Studies: Netherlands, Portugal. Order from EDRS. ED 055 997. EDRS Price: MF-$0.65 HC-$13.16

Paris, France: The organization, 1968. 31p. (Available: see above.

367. Training, Recruitment and Utilization of Teachers in Primary and Secondary Education. Country Case Studies: Austria, Greece, Sweden. Order from EDRS. ED 055 996. EDRS Price: MF-$0.65; HC-$16.45

Paris, France: The Organization, 1968. 402p. (Available: see above.)

368. Training, Recruitment and Utilization of Teachers in Primary and Secondary Education. Country Case Studies: Switzerland, Yugoslavia Paris, France: The Organization, 1968. 232p. (Available: see above). Order from EDRS. ED 055 998. EDRS Price: MF-$0.65; HC-$9.87.

369. Training, Recruitment and Utilization of Teachers in Primary and Secondary Education. Statistical Data: Canada, Spain, Iceland, Japan, Norway, Turkey, United States. Paris, France: Order from EDRS. ED 055 993. EDRS Price: MF-$0.65; HC-$6.58

The Organization, 1969. 149p. Publisher's Price: $3.20. (Available: see above)

370. Training, Recruitment and Utilization of Teachers in Primary and Secondary Education. Country Case Studies: Denmark, Italy, Luxembourg. Paris, France; Order from EDRS. ED 055 995. EDRS Price: MF-$0.65; HC-$16.45. (Available)

The Organization, 1968. 462p.

371. Training Teachers to Teach Inquiry Through the Use of "Inquiry Models" In the Teaching of College History Courses. Keller, Clair W. Price MF-$0.65 HC-$3.29

New methods of History Instruction, the development and use of Inquiry Models.

372. Variations on a Systems Theme: Comprehensive Reform in Teacher Education. Joyce, Bruce R.; Interchange

373. Training for Teaching Assistants - Trial Classes and TV Taping. Garland, John K.; Chem. Educ.

Chemistry/ College Science/ Inservice Teacher Education/ Program Descriptions/ Teaching Assistants/ Teaching Models/ Video Tape Recording/ University of Missouri

374. Two Paradigms for the Training of Science Teachers using Videotape Technology and Simulated Conditions; Koran, John J., Jr.; J. Res. Sci. Teaching

Effective Teaching/ Instruction/ Microteaching/ Preservice Education/ Science Teachers/ Teacher Education/ Teaching Methods/ Teaching Models/ Videotape Recordings.

375. Elementary Teacher Training Models; OE-58033, September 1969. Office of Education, Washington, D.C.

Summary of nine college and university model programs.

376. Six Areas of Teacher Competency; California Teacher's Association, 1704 Murchison Drive, Burlingame, California. ($0.50)

California definition of teacher competencies as published by C.T.A. .

SECTION III, BIBLIOGRAPHIES AND NEWSLETTERS #400 - 499.

400. Catalog of 8mm Single-Concept Films. Potter's Photographic Applications Company, 160 Herricks Road, Mineola, L.I., New York.

Contains listings of how-to-do-it films in making audiovisual materials.

401. Eric Retrieval System. Eric Retrieval System, U.S. Office of Education, Room 322, 50 Fulton Street, San Francisco, Ca. 94102.

This is a free service available to all educators. If you wish a printout on a specific topic in education, write to the address given for a request form.

402. Eric News Plus. Eric Clearinghouse on Teacher Education, 1 Dupont Circle, N.W., Washington, D.C. 20036.

A newsletter published by ERIC which often lists information pertinent to teacher training, for example, see issue.

403. Materials for Modules: A Classification of Competency-Oriented Tools for Teacher Education by Bruce Joyce et al. Project #420271, Grant # OEG-0-71-0271(715), Office of Education, Education Personnel Branch, Department of Health, Education, and Welfare, Washington, D.C.

404. TED Newsletter. TED Newsletter, Teacher Education Division, Council of Exceptional Children, Suite 616, 1 Dupont Circle, N.W., Washington, D.C. 20036.

Newsletter on teacher training programs, approaches and research.

405. D.S. Letter. D.S. Letter, Didactic Systems, Inc., 6 N. Union Avenue, Cranford, N.J. 07016. Free.

Newsletter on learning through games and simulations.

406. Research and Development Center for Teacher Education Annotated Bibliography by David C. Schaut (ed.). Communication Services Division, R & D Center for Teacher Education, Education Annex 3.207, University of Texas at Austin, Austin, Texas 78712.

Contains publications and availability information for all articles and research studies supported by R & D Center for Teacher Education.

407. Current Information on Teacher Centers by Lorraine Poliakoff. ERIC Clearinghouse on Teacher Education, 1 Dupont Circle, Washington, D.C. 20036.

Extensive outline of current information on teacher centers, compiled from unpublished sources.

408. Directory of In-Service Teacher Education Packages. Lorraine Poliakoff, compiler. ERIC Clearinghouse on Teacher Education, 1 Dupont Circle, Washington, D.C. 20036

Guide to inservice teacher education packages produced by regional educational laboratories and research and development centers.

409. Team Teaching: Bibliographies in Education, No. 22. Canadian Teacher's Federation. Ottawa: the Federation, 1971. Order from EDRS. ED 055 044. EDRS Price: MF-$0.65; HC-$3.29.

This 554-item bibliography cites materials published between 1960 and 1971 relating to all aspects of team teaching. Citations are divided into books, papers, and pamphlets; journal articles and excerpts from books; and theses. Availability from ERIC or the Canadian Teachers' Federation Library is noted.

410. Graduate and Professional Education: An Annotated Bibliography, by A. M. Heiss. Berkeley: Center for Research and Development in Higher Education, 1967.

A bibliography dealing with general graduate education and education for the professions. Includes material on schools of architecture, business, clinical psychology, dentistry, engineering, law, library science, medicine, nursing, social work, teaching (education), and theology.

411. Preparing Teachers for Urban Schools: An Annotated Bibliography for Teacher Education, Mid-Continent Regional Educational Lab. $.70.

412. Microteaching: Selected Papers ATE Bulletin #9. Association of Teacher Educators, 1201 16th Street, N.W., Washington, D.C. 20036

Booklet.

413. Simulation as an Instructional Alternative in Teacher Preparation ATE Research Bulletin #8 by Donald Cruickshank. Association of Teacher Educators, 1201 16th Street, N.W., Washington, D.C. 20036. $1.25

Booklet.

414. Self-Contained Packages.

Guides and descriptive "how to do its." 1) films only 2) tapes only. Research. Articles on 1)teacher training (general) 2) descriptions of special programs. Bibliographies.

415. Source Directory: Educational, Single-Concept Movie Loops. Technicolor, Commercial and Educational Division, 1300 Frawley Drive, Costa Mesa, Ca. 9262?

Contains listings of how-to-do-it films on making audiovisual materials.

416. Selected Bibliography of Print and Nonprint Media in the Audiovisual Field, P. Eck and M. Bethancourt. Bureau of Educational Research and Services, College of Education, Arizona State University, Tempe, Ariz., $1.50.

417. Florida Center Review. Marian J. Tonjes, Editor. Florida Center for Teacher Training Materials, University of Miami, Coral Gables, Florida.

A newsletter to Florida teacher educators on competency based teacher training and protocol materials.

SECTION IV, RESEARCH #500 - 599.

500. Behavioral Science Teacher Education Program--Feasibility Study Summary by W. Robert Houston. Journal of Research and Development in Education; 3; 3; 45-55.

Behavioral Science Research, Feasibility Studies, Models, Teacher Education, and Teaching Models.

501. A Comparison of the Effects of Observational Learning and Self-Rating on the Acquisition and Retention of a Questioning Behavior by Elementary Science Teacher Trainees by John J. Koran, Jr. Science Education; 54; 4; 385-389 10-12/70.

Compared the effect of a film-mediated model to the effect of a self rating, written model in developing trainees' ability to ask appropriate classroom questions. Showed no significant difference between the two methods. (PR).

502. Competency Based, Field Centered, Systems Approach to Elementary Teacher Education; Final Report. Vol. II, p86-109, Appendix E. General Adaptive Strategies, by Jesse Garrison; Tom Haines. Northwest Regional Educational Lab., Portland, Oregon. RMQ66004, BR-8-9022, OEG-0-8-089022(010).

To develop within teachers those adaptive capabilities necessary to enable them to diagnose learner difficulty and potential, to make prescriptions based on valid diagnosis, and to implement the prescriptions.

503. Cooperative Program in Urban Teacher Education by Harriet Talmage, and George E. Monroe. Illinois University, Chicago Circle, RMQ66004, BR-9-E-049, OEG-5-9-235049-0036(010), 75P. Price MF-$0.50 and HC-$3.85.

Attitude Tests, Community Involvement, Cooperating Teachers, Education Majors, Experimental Programs, Laboratory Training, Teacher Attitudes, Teacher Education, Teaching Models, Urban Schools, Minnesota Teacher Attitude Inventory, The Metropolitan Community Attitude Inventory, Who Am I?

This program was developed as a laboratory test of new teacher-preparation concepts, with special emphasis on urban problems.

504. Discrimination Training and Feedback in Shaping Teacher Behavior by Lauren B. Resnick and Lois E. Kiss. Paper presented at Annual Meeting, AERA, Minneapolis, 1970 24p. EDRS Price MF-$0.25 and HC-$1.30.

Behavior change, Discrimination Learning, Feedback, Microteaching, Teacher Behavior, Teacher Education, Teaching Models.

In an experiment to test the effectiveness of discrimination training--contrasting good and poor teacher behaviors and demonstrating the stimulus occasions for these behaviors--as compared with feedback from an instructor in microteaching, a discrimination model for a limited class of teaching behaviors was devised.

505. Effectiveness of Self Instruction in Teacher Education Using Modeling and Video Tape Feedback by David B. Young. 36p. EDRS Price MF-$0.25 HC-$1.52.

506. The Effectiveness of Two Interaction Analysis Instructional Modules within an Inservice Setting Ed. by James T. Ranson. Appalachia Educational Laboratory P.O. Box 1348, Charleston, West Va., 25325.

507. The Effects of Instruction in Nonverbal Communication on Elementary School Teacher Competency and Student Achievement. David B. Strother, and others. Final Report. Pullman: Washington State University, Department of Speech, 1971. 55p. Order from EDRS. ED 056 005. EDRS Price: MF-$0.65; HC-$3.29.

508. The Effects of Videotape Feedback and Microteaching in a Teacher Training Model Walter R. Borg; and others. Far West Lab. for Educational Research and Development, Berkeley, Calif., RMQ66000 21p. EDRS Price MF-$0.25; HC-$1.15.

To estimate the degree to which practice in the microteaching format and feedback from the video tape replay influenced learning in the minicourse model and to determine the effectiveness of the minicourse as a technique for changing the behavior of student teachers.

509. Feasibility of the Elementary Teacher Education Model in Developing Institutions by James P. Steffensen; and Cheryl Ingve. Journal of Research and Development in Education; 3; 3; 107-23.

Elementary School Teachers, Feasibility Studies, Models, Teacher Education, Teaching Models.

510. Feasibility Study of the Florida State University Model for the Preparation of Elementary School Teachers. Final Report. by Norman R. Dodl. Florida State University, Tallahassee. 213p.; Phase 2; Feasibility Study Comprehensive Elementary Teacher Education Models, Superintendent of Documents, Government Printing Office, Washington, D.C. 20402 (0-1970-817-485, $2.00) EDRS Price MF-$1.00 HC-$10.75.

Computer Programs, Curriculum Development, Elementary School Teachers, Faculty, Feasibility Studies, Field Studies, Fiscal Capacity, Interinstitutional Cooperation, Management Systems, Program Costs, Program Evaluation, Student Attitudes, Teacher Education, Teaching Models, CETEM-Comprehensive Elementary Teacher Education Models.

It presents a conceptual extension of the specifications to an implementable instructional model, which was utilized as a theoretical basis for developing and implementing with trainees a prototype of the model curriculum.

511. A Feasibility Study of the Massachusetts Model Elementary Teacher Education Program by Milton H. Ojala and James M. Cooper. Journal of Research and Development in Education; 3; 3; 30-44.

Elementary School Teachers, Feasibility Studies, Models, Teacher Education, Teaching Models.

512. Improvement of Teaching Procedures with Gifted Elementary and Secondary School Students. Final Report, by Ruth A. Martinson and Jean Wiener. California State College, Gardena. RMQ66004, BR-6-1244, OEC-4-6-061244-8948, 185p. EDRS Price MF-$0.75 HC-$9.35

Inservice self-study was utilized to improve the qualitative level of classroom method among teachers of the gifted.

513. Interaction Analysis: Selected Papers by Norma Furst. Publications-Sales Section, NEA, 1201 16th Street, N.W., Washington, D.C. $1.50 order #868-24466

Third in a series on "Supervisory Strategies in Clinical Experiences." Contains 3 papers: "Interaction Analysis in Teacher Education: A Review of Studies;" "Classroom Observation Systems in Preparing School Personnel," and "Supervisory Conferences in Selected Institutions."

514. Microteaching as a Practicum for Supervisor Education: The Effect on Supervisor Conference Behavior and Skills by James E. Douglass and Isobel L. Pfeiffer. American Educational Research Association (New York, N.Y.). Paper Presented at Annual Conference February 1971. EDRS Price MF-$0.65 HC-$3.29.

Significant desired changes occurred in the conference behavior of a group of supervisor-trainees who participated in a microteaching practicum.

515. An Overview of the Georgia Feasibility Study by Charles E. Johnson. Journal of Research and Development in Education; 3; 3; 18-29.

Feasibility Studies, Models, Teacher Education, Teaching Models.

516. An Overview of the Oregon Elementary Teacher Education Program and Feasibility of its Implementation by H. Del Schalock. Journal of Research and Development in Education; 3; 3; 68-79.

Elementary School Teachers, Feasibility Studies, Models, Teacher Education, Teaching Models.

517. Professional Integration and Clinical Research by Ted W. Ward. 38p. EDRS Price MF-$0.25 HC-$1.20.

The rationale of a clinical approach to research on teacher behavior is set forth together with indication of difficulties.

518. Rationale, Development and Validation of a Series of Self-Instructional Modules in Interaction Analysis. James T. Ranson, Ed. Appalachia Educational Laboratory, P.O. Box 1348, Charleston, West Va., 25325.

519. R&D Report Series. Research and Development Center for Teacher Education, University of Texas at Austin, Education Annex 3.207, Austin, Texas 78712.

The R&D Report Series is an irregular (approximately 25 issues/year) series of research and technical reports based on the Center's research. Single copies are mailed free to persons asking to be placed on the mail list.

A list of back issues is available on request. Larger orders will be accepted at a rate of $.50/copy of a single title up to ten copies and $.25/copy of a single title over ten copies.

520. Study of the Effectiveness of the Videotape Recorder With and Without Modeling in the In-Service Training of Teachers, by Dr. Michael D. Eder. Maryland University, College Park, College of Education. Thesis submitted to the School of Education of the University of Maryland. Department of Administration, Supervision and Curriculum, College of Education, University of Maryland, College Park, MD. 20740

The subjects of the experiment were divided into four groups: men teachers of Spanish, women teachers of Spanish.

521. Study of the Effects upon the Teaching Effectiveness of English Teachers of the Organization of the Literature Component of Teacher-Training Curricula. Interim Report by Erling W. Peterson. Illinois State-Wide Curriculum Study Center in the Preparation of Secondary English Teachers (ISCPET), Urbana. RMQ66004, BR-5-0789, OEC-5-10-029. 28p. EDRS Price MF-$0.25 HC-$1.50.

This ISCPET study set out to determine the effect that various approaches to teaching literature to prospective high school English teachers might have on their literary knowledge and later teaching competencies.

522. A Study of the Feasibility of the Ohio Teacher Education Model by George E. Dickson and Dennis E. Hinkle. Journal of Research and Development in Education; 3; 3; 56-67.

Behavioral Objectives, Feasibility Studies, Models, Teacher Education, Teaching Models.

523. A Study of the Feasibility of the Syracuse University Model for the Preservice and Inservice Education of Elementary School Teachers--A Summary by Wilford A. Weber and Charles Rathbone. Journal of Research and Development in Education; 3; 3; 80-93.

Elementary School Teachers, Feasibility Studies, Inservice Teacher Education Models, Preservice Education, Teaching Models.

524. A Study of the Use and Feasibility of Video-Tape Techniques in the Preparation of Secondary School English Teachers. Interim Report by Carl Eisemann. Illinois State-Wide Curriculum Study Center in the Preparation of Secondary English Teachers (ISCPET), Urbana. RMQ66004, BR-5-0789, OEC-5-10-029. 10p. EDRS Price MF-$0.25 HC-$0.60.

This study attempted to determine the feasibility of preparing and using video-tapes in a small college in connection with the preparation of prospective secondary school English teachers.

525. The Teaching-Learning Paradox: A Comparative Analysis of College Teaching Method by R. Dubin, T. Taveggia, 1968. Center for the Advanced Study of Educational Administration, 1472 Kincaid, Eugene, Ore.

526. Use of an Evaluation Model to Individualize Learning, Nicholas Anastasiow and others. Viewpoints; 46; 6; 119-127

Behavior Change, Evaluation, Evaluation Methods, Individualized Instruction Teacher Education, Teaching Models, Guba-Stuffelbeam-Cipp Model.

527. Use of Video-tape Recording and Micro-teaching Techniques to Improve Instruction on the Higher Education Level by Arye Perlberg and David C. O'Bryant. Illinois University, Urbana Department of General Engineering. BBB00592, 39p. EDRS Price MF-$0.25 HC-$2.05.

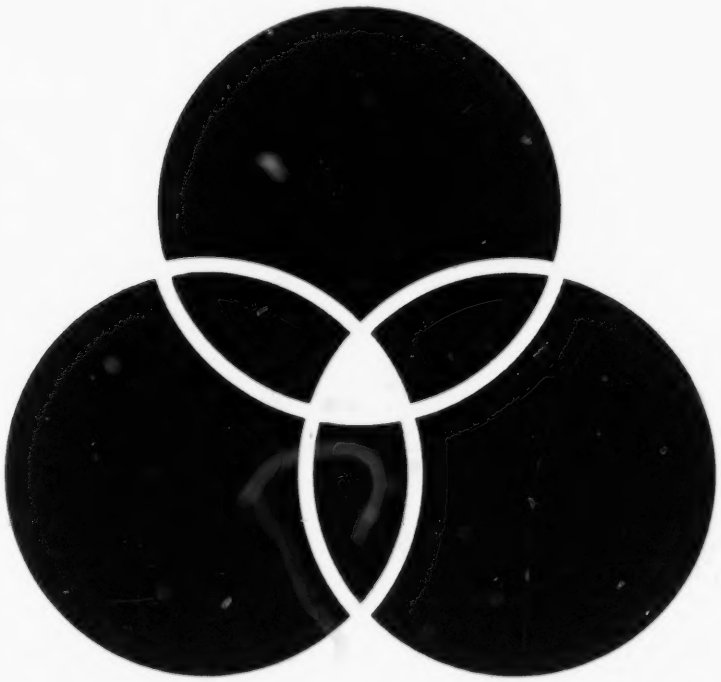
Video recordings provide an authentic feedback of classroom interaction, and microteaching, a systematic method for analysis of these tapes, and the acquisition of special teaching skills. Their combined use in teacher education has resulted in improved teacher-classroom interaction at the college level.

Map of Teacher Training Bibliography

Systematic and objective analysis of instruction

NEW CAPABILITIES FOR IMPROVING INSTRUCTION

An instructional program for teachers, supervisors and administrators

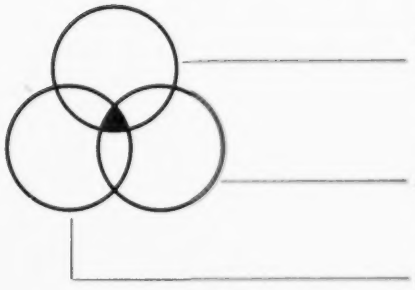


James R. Hale
R. Allan Spanjer

A product of

Northwest Regional Educational Laboratory

the program and method



The *instructional program* develops capabilities in three areas:

1 **Interpersonal Relationships**
Interpersonal relations training develops a climate for maximum freedom to test out and adopt new and constructive teaching methods

2 **Supervisory Systems**
Training in supervisory systems includes ways to obtain objective data on teaching behavior

3 **Teaching Strategies**
Instruction in teaching strategies develops skills for using different teaching behaviors, such as asking questions, making explanations, presenting information and responding to students

A *doing-looking-learning* type of instruction is used. Participants work on specific objectives in small groups. As they participate in these "doing" activities, they generate a common and shared experience. By examining or "looking" at their performance during these special activities, they are "learning" certain skills, principles and attitudes which facilitate desired changes in behavior. In developing new skills, teachers:

1 Plan daily lessons together
2 Observe teachers using the plans with pupils
3 Learn to record systematically what happens in the classroom
4 Analyze objectively the information for patterns of teaching behavior
5 Use the information to plan ways of improving instruction

training materials

order form

The *training manual* called Systematic and Objective Analysis of Instruction consists of 46 units for conducting 100 hours of instruction. Each unit includes:

1. Step-by-step procedures
2. Printed resource material for the instructor
3. Diagrams and charts appropriate for producing instructional slides and transparencies

The materials and procedures have been developed and tested by educators at colleges and schools working with the Northwest Regional Educational Laboratory. A qualified instructor can conduct the program as a four-week workshop, preservice or inservice course.

Participant materials for the instructional program include exercises, worksheets and evaluation forms.

For assistance in arranging local training programs and names of NWREL Regional Training Representatives located throughout the country, contact Dr. William Ward, Improving Teaching Competencies Program, Northwest Regional Educational Laboratory, 710 S.W. Second Avenue, Portland, Oregon 97204.

to: Commercial Educational Distributing Services,
P.O. Box 3711
Portland, Oregon 97208

Systematic and Objective Analysis of Instruction

☐ Please send me____copies of the Trainer's Manual (248 pages, 2½ pounds) – $10.00 each

☐ Please send me____sets of Participant Materials (151 pages, 2 pounds) – $7.00 per set

☐ Payment enclosed

☐ Please send bill (institutions only) Purchase Order No. _____

Postage: (Fourth class special book rate.) prepaid in U.S.A. Anticipate 3 to 5 weeks for delivery at this postage rate.

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Keep w/ teacher training bibliography

Development of higher level thinking abilities

An Instructional Program for Teachers

John A. McCollum
Rose Marie Davis

Teaching Strategies Which Help Students to Learn for Themselves

A product of
Northwest Regional Educational Laboratory

Learning More Than Facts

Many of today's "facts" will be obsolete tomorrow.

Students need to understand "whys" and "hows." They need to be able to use sound judgment and solve problems as they arise. They must be able to assimilate large bodies of knowledge and relate this information to new and unknown situations.

Specific classroom teaching strategies increase children's abilities to do these things. The instructional program called Development of Higher Level Thinking Abilities provides teachers the opportunity to learn to use these teaching strategies.

Learn New Capabilities

The instructional program provides teachers with specific capabilities to increase children's abilities to learn for themselves by:

1 Categorizing facts
2 Drawing generalizations from these facts
3 Applying them to make inferences about unknown situations

Teachers and Administrators

The instructional program is appropriate for teachers of all subjects and grade levels. Many school administrators also have found the instruction valuable.

Inservice Workshop or College Course

The 42 hours of instruction can be conducted as an inservice workshop, a campus course or an extension class. Successful formats include:

1 Nine days of instruction with 4 to 5 hours each day
2 Five Friday evening and all-day Saturday sessions
3 Twelve to fourteen daily sessions each 2½ hours

The program requires an instructor who has studied the program thoroughly and follows the procedures precisely.

Active Involvement

Each teaching strategy is learned in five steps:

1 The skill is introduced with the leader playing the role of a classroom teacher and the participants as students
2 The theory of the skill is presented
3 Each component of the skill is simulated in small groups
4 Each skill is practiced in a demonstration classroom
5 Each teacher uses the skill in his own subject area

Ten Years of Research

Ways teachers could assist students to think at higher levels were studied for more than 10 years by the late Dr. Hilda Taba at San Francisco State College. Tapes of classroom discussions involving thousands of children were analyzed to discover *which* teaching techniques produced *what* results and *why*. Dr. Taba identified three relevant "thinking tasks:"

1 Forming concepts by grouping and classifying information
2 Interpreting data by making generalizations and inferences
3 Applying known facts and ideas to new situations

This research information was utilized by the staff of the Northwest Regional Educational Laboratory to develop the instructional program.

The *training manual* called Development of Higher Level Thinking Abilities consists of 29 units for conducting 42 hours of instruction. Each unit includes:

1 Step-by-step procedures
2 Printed resource material for the instructor
3 Participant materials

Participant materials for the instructional program include exercises, worksheets and evaluation forms.

For assistance in arranging local training programs and names of NWREL Regional Training Representatives located throughout the country, contact Dr. William Ward, Improving Teaching Competencies Program, Northwest Regional Educational Laboratory, 710 S.W. Second Avenue, Portland, Oregon 97204

to: Commercial-Educational
Distributing Services,
P.O. Box 3711
Portland, Oregon 97208

Development of Higher Level Thinking Abilities

☐ Please send me____copies of the two-volume Instructor's Guide (559 pages, 7 pounds) – $15.00

☐ Please send me____sets of Participant Materials (320 pages, 4 pounds) – $10.50 per set

☐ Payment enclosed_____

☐ Please send bill (institutions only) Purchase Order No._____

Postage: (Fourth class special book rate;) prepaid in U.S.A. Anticipate 3 to 5 weeks for delivery at this postage rate.

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